HEALTH, SAFETY, ENVIRONMENTAL AND REMEDIATION SITE OPERATIONS REPORT
Williams AFB ST012

Site No.: 9101-11-0001

Period Between 29 April and 12 May 2017

I. SITE SUBCONTRACTOR SUMMARY

A. Week Ending 05 May 2017

Company	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Amec Foster Wheeler			X	X	X	X	X
MP Environmental							
Yellow Jacket							

B. Week Ending 12 May 2017

Company	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Amec Foster Wheeler			X	X	X	X	X
MP Environmental							
Yellow Jacket							

II. SCHEDULE / SITE ACTIVITIES REVIEW

A. SEE Decommissioning

- Housekeeping by Amec Foster Wheeler personnel after TerraTherm's demobilization – remaining items organized and collected

B. EBR Construction - None

C. Containment System Construction - None

D. Containment System Operation - None

E. Sampling/Monitoring

- SEE/EBR well LNAPL monitoring/removal

F. SVE System Operation/Optimization

- Routine operation
- Operated the thermal oxidizer and flame-oxidizer in parallel on the SVE system.
    1. The thermal oxidizer was restarted on 01 May 2017 following an 11-day shutdown while a new PLC was ordered and shipped to the site.
    2. The flame oxidizer shut down four times on 03 May 2017. The first shutdown was due to a full moisture condensation tank. During system restart, the system shut down due to a VFD fault. A fuse was changed and after two restart attempts, the flame oxidizer restarted successfully.

III. SVE OPERATING DATA

A. Thermal Oxidizer Destruction Efficiency/Mass Removal Summary

The destruction efficiency and mass removal calculations for the thermal oxidizer are tabulated below. A correction factor was applied to PID readings based on available analytical data and corresponding PID data. This factor is updated each time new analytical data is available and may retroactively alter previously reported data.

Date Period Began	Date Period Ended	Days in Period	Influent Source	Time Thermal Oxidizer Operated[j]	Thermal Oxidizer Uptime	Influent Concentration (PID)	Influent Concentration (Adjusted PID)[c,i]	Effluent Concentration (PID)	Effluent Concentration (Adjusted PID)[f,g]	Calculated Destruction Efficiency[a]	Flowrate into Oxidizer (End of Period)[e]	Estimated VOC Mass Removed[b]	Average Daily Removal Rate[b]	Estimated VOC Mass Released to Atmosphere[b]	Average VOC Mass Released to Atmosphere[b]
---	---	days		hrs	%	ppmv	mg/m^3	ppmv	mg/m^3	%	scfm	lbs/period	lbs/day	lbs/period	lbs/day
4/7/2016	4/15/2016	7	SVE	112	63%	560	10,776	4.6	4.2	99.96%	1,396	6,312	847	2	0.33
4/15/2016	4/21/2016	6	SVE	147	100%	342	6,581	1.0	0.9	99.99%	1,571	5,692	929	0.8	0.13
4/21/2016	4/29/2016	8	SVE	188	99%	296	5,696	2.6	2.4	99.96%	1,396	5,600	711	2.3	0.29
4/29/2016	5/5/2016	6	SVE	130	90%	179	3,445	1.6	1.5	99.96%	1,396	2,342	390	1.0	0.16
5/5/2016	5/20/2016	15	SVE	323	90%	394	7,582	0.5	0.5	99.99%	1,047	9,605	640	0.6	0.04
5/20/2016	5/26/2016	6	SVE	146	100%	699	14,913	42.2	38	99.74%	698	5,693	936	14.6	2.40
5/26/2016	6/2/2016	7	SVE	166	99%	340	7,254	62.2	56	99.22%	698	3,149	450	24.5	3.50
6/2/2016	6/10/2016	8	SVE	164	85%	679	10,931	1.2	1.1	99.99%	1,309	8,791	1,099	0.9	0.11
6/10/2016	6/17/2016	7	SVE	167	99%	462	7,438	12.7	12	99.85%	1,047	4,872	696	7.5	1.08
6/17/2016	6/24/2016	7	SVE	165	98%	179	2,882	0.6	0.5	99.98%	1,466	2,611	373	0.5	0.07
6/24/2016	6/27/2016	3	SVE	74	100%	431	8,516	0.0	0.0	>99.99%	1,920	4,533	1,470	0.0	0.00
6/27/2016	6/29/2016	2	SVE	47	100%	N/A	8,516	N/A	0.0	>99.99%	1,152	1,727	882	0.0	0.00
6/29/2016	7/8/2016	9	SVE	215	100%	697	13,772	0.2	0.3	>99.99%	524	5,812	649	0.1	0.01
7/8/2016	7/14/2016	6	SVE	128	89%	1080	23,314	1.3	1.8	99.99%	489	5,467	911	0.4	0.07
7/14/2016	7/22/2016	8	SVE	56	29%	848	18,306	7.6	10	99.94%	698	2,680	335	1.5	0.19
7/22/2016	7/29/2016	7	SVE	163	97%	636	16,947	10.2	14	99.92%	628	6,499	928	5.3	0.76
7/29/2016	8/4/2016	6	SVE	84	58%	681	18,146	1.5	2.1	99.99%	1,466	8,370	1,395	0.9	0.16
8/4/2016	8/11/2016	7	SVE	168	100%	475	17,982	1.2	1.6	99.99%	698	7,899	1,128	0.7	0.10
8/11/2016	8/18/2016	7	SVE	120	71%	476	18,020	1.6	2.2	99.99%	768	6,221	889	0.8	0.11
8/18/2016	8/25/2016	7	SVE	168	100%	285	10,789	2.2	3.0	99.97%	628	4,266	609	1.2	0.17
8/25/2016	9/1/2016	7	SVE	167	99%	498	17,548	1.4	1.9	99.99%	489	5,368	767	0.6	0.08
9/1/2016	9/8/2016	7	SVE	169	100%	986	34,744	3.7	5.1	99.99%	986	21,689	3,080	3.2	0.45
9/8/2016	9/15/2016	7	SVE	145	87%	605	21,319	12.5	1.0	>99.99%	419	4,850	697	0.2	0.03
9/15/2016	9/22/2016	7	SVE	169	100%	454	15,821	18.4	1.4	99.99%	419	4,195	596	0.4	0.05
9/22/2016	9/29/2016	7	SVE	167	99%	475	16,553	18.5	1.4	99.99%	628	6,503	929	0.6	0.08
9/29/2016	10/6/2016	7	SVE	166	99%	805	15,402	1.9	0.1	>99.99%	628	6,015	859	0.1	0.01
10/6/2016	10/13/2016	7	SVE	165	98%	578	11,059	1.1	0.1	>99.99%	489	3,343	478	0.0	0.00
10/13/2016	10/20/2016	7	SVE	136	81%	620	8,440	18.8	1.4	99.98%	477	2,050	293	0.4	0.05
10/20/2016	10/27/2016	7	SVE	170	100%	699	9,516	1.8	0.1	>99.99%	461	2,793	394	0.0	0.01
10/27/2016	11/3/2016	7	SVE	166	100%	631	4,915	0.8	0.1	>99.99%	480	1,466	212	0.0	0.00
11/3/2016	11/10/2016	7	SVE	173	100%	602	4,689	1.2	0.1	>99.99%	425	1,292	179	0.0	0.00

Date Period Began	Date Period Ended	Days in Period	Influent Source	Time Thermal Oxidizer Operated[j]	Thermal Oxidizer Uptime	Influent Concentration (PID)	Influent Concentration (Adjusted PID)[c,i]	Effluent Concentration (PID)	Effluent Concentration (Adjusted PID)[f,g]	Calculated Destruction Efficiency[a]	Flowrate into Oxidizer (End of Period)[e]	Estimated VOC Mass Removed[b]	Average Daily Removal Rate[b]	Estimated VOC Mass Released to Atmosphere[b]	Average VOC Mass Released to Atmosphere[b]
11/10/2016	11/18/2016	8	SVE	160	86%	911	9,000	9.6	0.7	99.99%	422	2,278	292	0.2	0.02
11/18/2016	11/23/2016	5	SVE	55	46%	387	3,605	1.2	0.1	>99.99%	601	446	89	0.0	0.00
11/23/2016	12/1/2016	8	SVE	88	46%	581	5,413	6.0	0.5	99.99%	553	987	123	0.1	0.01
12/1/2016	12/9/2016	8	SVE	135	70%	97	2,576	4.7	0.4	99.99%	511	666	83	0.1	0.01
12/9/2016	12/15/2016	6	SVE	88	61%	440	3,408	4.6	0.5	99.99%	509	572	95	0.1	0.01
12/15/2016	12/22/2016	7	SVE	76	45%	386	2,989	1.6	0.2	99.99%	501	426	61	0.0	0.00
12/22/2016	1/5/2017	14	SVE	332	99%	381	2,951	1.7	0.2	99.99%	422	1,548	111	0.1	0.01
1/5/2017	1/12/2017	7	SVE	165	98%	413	1,972	5.2	0.5	99.97%	457	557	80	0.1	0.02
1/12/2017	1/19/2017	7	ACE	168	100%	124	592	9.0	0.9	99.85%	486	181	26	0.3	0.04
1/19/2017	1/26/2017	7	SVE	166	99%	281	1,252	2.3	0.2	99.98%	468	365	52	0.1	0.01
1/26/2017	2/2/2017	7	SVE	167	99%	716	3,190	1.9	0.2	99.99%	490	979	140	0.1	0.01
2/2/2017	2/9/2017	7	SVE	168	100%	492	2,174	2.0	0.2	99.99%	483	660	94	0.1	0.01
2/9/2017	2/16/2017	7	SVE	168	100%	379	1,675	2.1	0.2	99.99%	461	486	69	0.1	0.01
2/16/2017	2/23/2017	7	SVE	170	100%	485	2,167	2.2	0.2	99.99%	460	635	90	0.1	0.01
2/23/2017	3/2/2017	7	SVE	167	100%	137	612	2.8	0.3	99.96%	475	182	26	0.1	0.01
3/2/2017	3/10/2017	8	SVE	187	97%	903	3,514	2.8	0.3	99.99%	438	1,078	135	0.1	0.01
3/10/2017	3/16/2017	6	SVE	144	100%	876	3,409	0.8	0.1	>99.99%	436	802	134	0.0	0.00
3/16/2017	3/23/2017	7	SVE	153	91%	747	9,733	0.7	0.1	>99.99%	446	2,489	356	0.0	0.00
3/23/2017	3/30/2017	7	SVE	166	99%	357	4,652	1.0	0.1	>99.99%	466	1,348	193	0.0	0.00
3/30/2017	4/6/2017	7	SVE	168	100%	241	4,230 *	5.4	0.5	99.99%	463	1,233	176	0.2	0.02
4/6/2017	4/13/2017	7	SVE	161	96%	692	12,146 *	0.8	0.1	>99.99%	548	4,015	574	0.0	0.00
4/13/2017	4/20/2017	7	SVE	161	96%	692	12,146 *	0.8	0.1	>99.99%	548	4,015	574	0.0	0.00
4/20/2017	4/27/2017	7	SVE	0	0%	0	0	0.8	0.1	---	0	0	0	0.0	0.00
4/27/2017	5/4/2017	7	SVE	70	42%	593	10,408 *	3.0	0.3	>99.99%	548	1,496	214	0.0	0.01
5/4/2017	5/11/2017	7	SVE	167	99%	663	11,637 *	1.2	0.1	>99.99%	440	3,201	457	0.0	0.00

Notes:

% - percent
hrs - hours
JP-4 - jet petroleum fuel grade four
lbs - pounds
mg/m^3 - milligrams per cubic meter
ppmv - parts per million by volume
scfm - standard cubic feet per minute
TPH - total petroleum hydrocarbons
PID - photoionization detector
SVE - soil vapor compound
VOC - volatile organic compound
ACE - active containment extraction system

(a) Calculated destruction efficiencies are calculated using a single sampling event for each week, not using the average influent and effluent results.
(b) Mass and volumes are calculated based on laboratory data for TPH reported as JP-4. As has been the basis for previous calculations at ST012, the average molecular weight of TPH as JP-4 is assumed equivalent to xylene (106.168 grams per mole). The assumed liquid density of the fuel is 6.57 lbs per gallon.
(c) The influent PID correction factor calculation has been revised to reflect a three-value rolling average (the average of the correction factor for the analytical sample collected one event prior, the current event, and one event after). The correction factor for 11 March 2016 has been removed as anomalous during the post-steam operation period based on the subsequent six months of correction factors calculated. The average for the 07 April through 21 April 2016 period incorporates only 25 April and 23 May 2016 correction factors.
(e) To address inconsistencies in influent PID and flow rate measurements, system piping was changed on 13 October 2016. Flow rate measurements prior to this date are reported in acfm, and after this date are reported in scfm.
(f) An incorrect correction factor was used to calculate the Effluent Concentration (Adjusted PID) for the period between 24 June and 8 September 2016. The value has been corrected for that period.

(g) The effluent PID correction factor for the 15 September 2016 sample was anomalous compared to historical values. An average of correction factors from samples before and after this date was used.
(h) During the week of 20 January, the thermal oxidizer was operated on both the SVE and for commissioning the ACE systems. Operating records do not contain enough detail to accurately allocate mass removal between these two sources.
(i) The influent lab sample collected on 11 November 2016 was determined to be anomalous and was removed. A two point average was used between 27 October and 01 December 2016.
(j) The influent valve to receive active containment system air stripper influent was discovered open after PID monitoring for the week of 02 March 2017, providing unexpected dilution air in the thermal oxidizer influent.
(k) PLC failure prior to taking routine measurements caused no data to be recorded after 20 April 2017 through 01 May 2017. VOC data was assumed from the previous week and operating hours were estimated using the thermal oxidizer temperature chart recorder.

B. Flame Oxidizer Destruction Efficiency/Mass Removal Summary

The destruction efficiency and mass removal calculations for the flame oxidizer are tabulated below. A correction factor was applied to PID readings based on available analytical data and corresponding PID data. This factor is updated each time new analytical data is available and may retroactively alter previously reported data.

Date Period Began	Date Period Ended	Days in Period	Influent Source	Time Flame Oxidizer Operated[d]	Flame Oxidizer Uptime[a]	Influent Concentration (PID)	Influent Concentration (Adjusted PID)[f]	Effluent Concentration (PID)	Effluent Concentration (Adjusted PID)	Calculated Destruction Efficiency[b]	Flowrate into Oxidizer (End of Period)	Estimated VOC Mass Removed[c]	Average Daily Removal Rate[c]	Estimated VOC Mass Released to Atmosphere[c]	Average VOC Mass Released to Atmosphere[c]
---	---	days		hrs	%	ppmv	mg/m^3	ppmv	mg/m^3	%	scfm	lbs/period	lbs/day	lbs/period	lbs/day
8/4/2016	8/11/2016	7	SVE	107	64%	509	13,710	17.1	1.1	99.99%	768	4,219	603	0.3	0.05
8/11/2016	8/18/2016	7	SVE	91	54%	428	11,528	16.4	1.1	99.99%	768	3,018	431	0.3	0.04
8/18/2016	8/25/2016	7	SVE	78	46%	483	13,009	8.9	0.6	>99.99%	838	3,184	455	0.1	0.02
8/25/2016	9/1/2016	7	SVE	112	67%	433	10,103	5.6	0.4	>99.99%	768	3,256	465	0.1	0.02
9/1/2016	9/8/2016	7	SVE	102	61%	414	9,660	7.2	0.5	>99.99%	942	3,477	497	0.2	0.02
9/8/2016	9/15/2016	7	SVE	140	83%	868	20,253	13.6	0.9	>99.99%	1,047	11,121	1,589	0.5	0.07
9/15/2016	9/22/2016	7	SVE	149	89%	499	10,431	13.1	1.2	99.99%	1,047	6,096	871	0.7	0.10
9/22/2016	9/29/2016	7	SVE	158	94%	682	14,256	3.9	0.3	>99.99%	1,222	10,311	1,473	0.2	0.04
9/29/2016	10/6/2016	7	SVE	119	71%	834	11,860	3.1	0.3	>99.99%	977	5,166	738	0.1	0.02
10/6/2016	10/13/2016	7	SVE	167	99%	593	8,433	2.4	0.2	>99.99%	1,012	5,339	763	0.1	0.02
10/13/2016	10/20/2016	7	SVE	117	70%	331	3,364	13.7	1.2	99.96%	597	880	126	0.3	0.05
10/20/2016	10/27/2016	7	SVE	170	100%	379	3,852	1.4	0.1	>99.99%	550	1,350	191	0.0	0.01
10/27/2016	11/3/2016	7	SVE	100	60%	444	7,478	0.5	0.04	>99.99%	546	1,530	221	0.0	0.00
11/3/2016	11/10/2016	7	SVE	174	100%	877	14,770	2.0	0.2	>99.99%	538	5,177	714	0.1	0.01
11/10/2016	11/18/2016	8	SVE	190	100%	816	13,134	27.0	2.4	99.98%	535	5,004	632	0.9	0.11
11/18/2016	11/23/2016	5	SVE	116	100%	582	8,001	1.3	0.1	>99.99%	535	1,861	385	0.0	0.01
11/23/2016	12/1/2016	8	SVE	190	99%	661	9,087	33.3	2.9	99.97%	538	3,481	435	1.1	0.14
12/1/2016	12/9/2016	8	SVE	193	100%	1,146	15,754	70.8	6.2	99.96%	538	6,131	762	2.4	0.30
12/9/2016	12/15/2016	6	SVE	142	99%	1,211	7,007	205.0	2.0	99.97%	538	2,006	337	0.6	0.10
12/15/2016	12/22/2016	7	SVE	166	99%	1,100	6,365	2.3	0.02	>99.99%	521	2,061	294	0.0	0.00
12/22/2016	1/5/2017	14	SVE	332	99%	1,109	6,417	2.1	0.02	>99.99%	518	4,132	295	0.0	0.00
1/5/2017	1/12/2017	7	SVE	164	98%	987	5,711	8.2	0.08	>99.99%	518	1,817	260	0.0	0.00
1/12/2017	1/19/2017	7	SVE	169	100%	954	4,434	6.1	0.06	>99.99%	544	1,528	217	0.0	0.00
1/19/2017	1/26/2017	7	SVE	168	100%	1,152	5,877	8.3	0.08	>99.99%	524	1,936	277	0.0	0.00
1/26/2017	2/2/2017	7	SVE	166	99%	1,203	6,137	0.8	0.01	>99.99%	520	1,983	283	0.0	0.00
2/2/2017	2/9/2017	7	SVE	169	100%	1,001	5,106	0.9	0.01	>99.99%	516	1,659	237	0.0	0.00
2/9/2017	2/16/2017	7	SVE	167	99%	971	4,953	0.8	0.01	>99.99%	522	1,617	231	0.0	0.00
2/16/2017	2/23/2017	7	SVE	170	100%	1,037	4,425	0.8	0.01	>99.99%	520	1,449	207	0.0	0.00
2/23/2017	3/2/2017	7	SVE	167	99%	1,108	4,728	1.1	0.01	>99.99%	534	1,580	226	0.0	0.00
3/2/2017	3/10/2017	8	SVE	188	98%	1,008	3,445	1.9	0.02	>99.99%	486	1,180	147	0.0	0.00
3/10/2017	3/16/2017	6	SVE	144	100%	945	3,229	1.3	0.01	>99.99%	485	845	141	0.0	0.00
3/16/2017	3/23/2017	7	SVE	170	100%	1,173	3,467	0.2	0.00	>99.99%	490	1,070	153	0.0	0.00
3/23/2017	3/30/2017	7	SVE	165	98%	1,072	3,169	0.0	0.00	>99.99%	586	1,147	164	0.0	0.00
3/30/2017	4/6/2017	7	SVE	169	100%	852	2,172 *	0.5	0.00	>99.99%	583	797	114	0.0	0.00
4/6/2017	4/13/2017	7	SVE	161	96%	936	2,386 *	0.6	0.01	>99.99%	565	813	116	0.0	0.00

Date Period Began	Date Period Ended	Days in Period	Influent Source	Time Flame Oxidizer Operated[d]	Flame Oxidizer Uptime[a]	Influent Concentration (PID)	Influent Concentration (Adjusted PID)[f]	Effluent Concentration (PID)	Effluent Concentration (Adjusted PID)	Calculated Destruction Efficiency[b]	Flowrate into Oxidizer (End of Period)	Estimated VOC Mass Removed[c]	Average Daily Removal Rate[c]	Estimated VOC Mass Released to Atmosphere[c]	Average VOC Mass Released to Atmosphere[c]
4/13/2017	4/20/2017	7	SVE	170	100%	353	900 *	0.8	0.01	>99.99%	636	360	51	0.0	0.00
4/20/2017	4/27/2017	7	SVE	166	99%	958	2,442 *	0.9	0.01	>99.99%	501	761	109	0.0	0.00
4/27/2017	5/4/2017	7	SVE	166	99%	695	1,771 *	0.8	0.01	>99.99%	568	626	89	0.0	0.00
5/4/2017	5/11/2017	7	SVE	166	99%	814	2,075 *	0.3	0.00	>99.99%	566	731	104	0.0	0.00

Notes:

% - percent
hrs - hours
JP-4 - jet petroleum fuel grade four
lbs - pounds
mg/m^3 - milligrams per cubic meter
ppmv - parts per million by volume
scfm - standard cubic feet per minute
TPH - total petroleum hydrocarbons
PID - photoionization detector
SVE - soil vapor compound
VOC - volatile organic compound
ACE - active containment extraction system

* Concentration and associated calculated values may change after receipt of subsequent analytical data.

(a) Discrepancies in runtime clocks for the flame oxidizer have been observed since restart. The system is being observed and diagnosed. The primary blower hours are currently used to calculate uptime.

(b) Calculated destruction efficiencies are calculated using a single sampling event for each week, not using the average influent and effluent results.

(c) Mass and volumes are calculated based on laboratory data for TPH reported as JP-4. As has been the basis for previous calculations at ST012, the average molecular weight of TPH as JP-4 is assumed equivalent to xylene (106.168 grams per mole). The assumed liquid density of the fuel is 6.57 lbs per gallon.

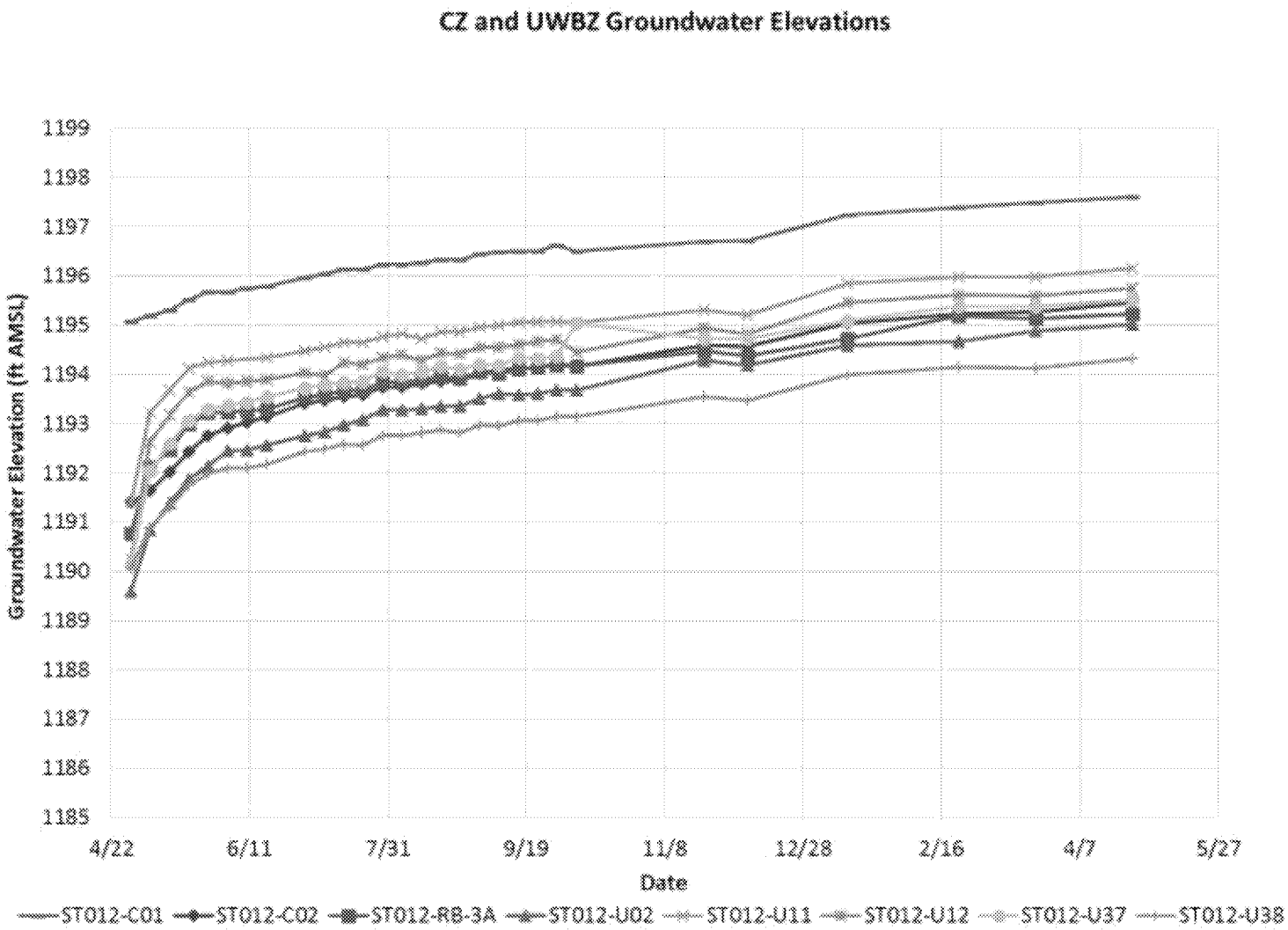
(d) An error in hour recording caused an anomaly in hours that the flame oxidizer operated for the weeks ending 25 August and 2 September. The operation hours were estimated based on the flame oxidizer temperature chart recorder.

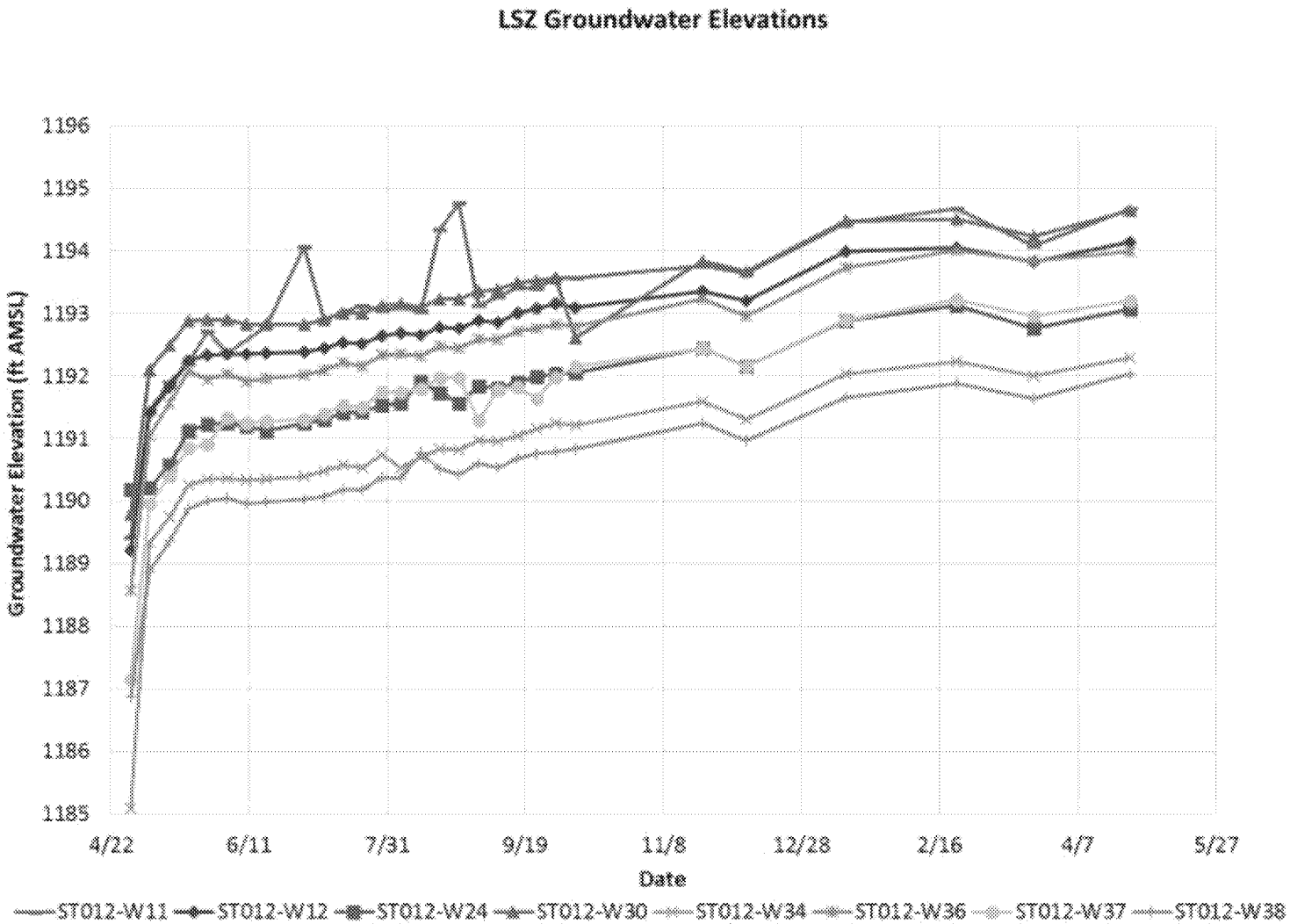
(e) To address inconsistencies in influent PID and flow rate measurements, system piping was changed on 13 October 2016. Flow rate measurements prior to this date are reported in acfm, and after this date are reported in scfm.

(f) The influent PID correction factor calculation has been revised to reflect a three-value rolling average (the average of the correction factor for the analytical sample collected one event prior, the current event, and one event after).

IV. GROUNDWATER ELEVATION MONITORING

Groundwater elevations monitored since the shutdown of the final extraction phase of SEE (29 April 2016). Starting with the week ending 07 October 2016, groundwater elevation monitoring will be performed monthly at all perimeter monitoring locations, except ST012-W11 and ST012-W37, which will be monitored weekly based on continued LNAPL recovery.



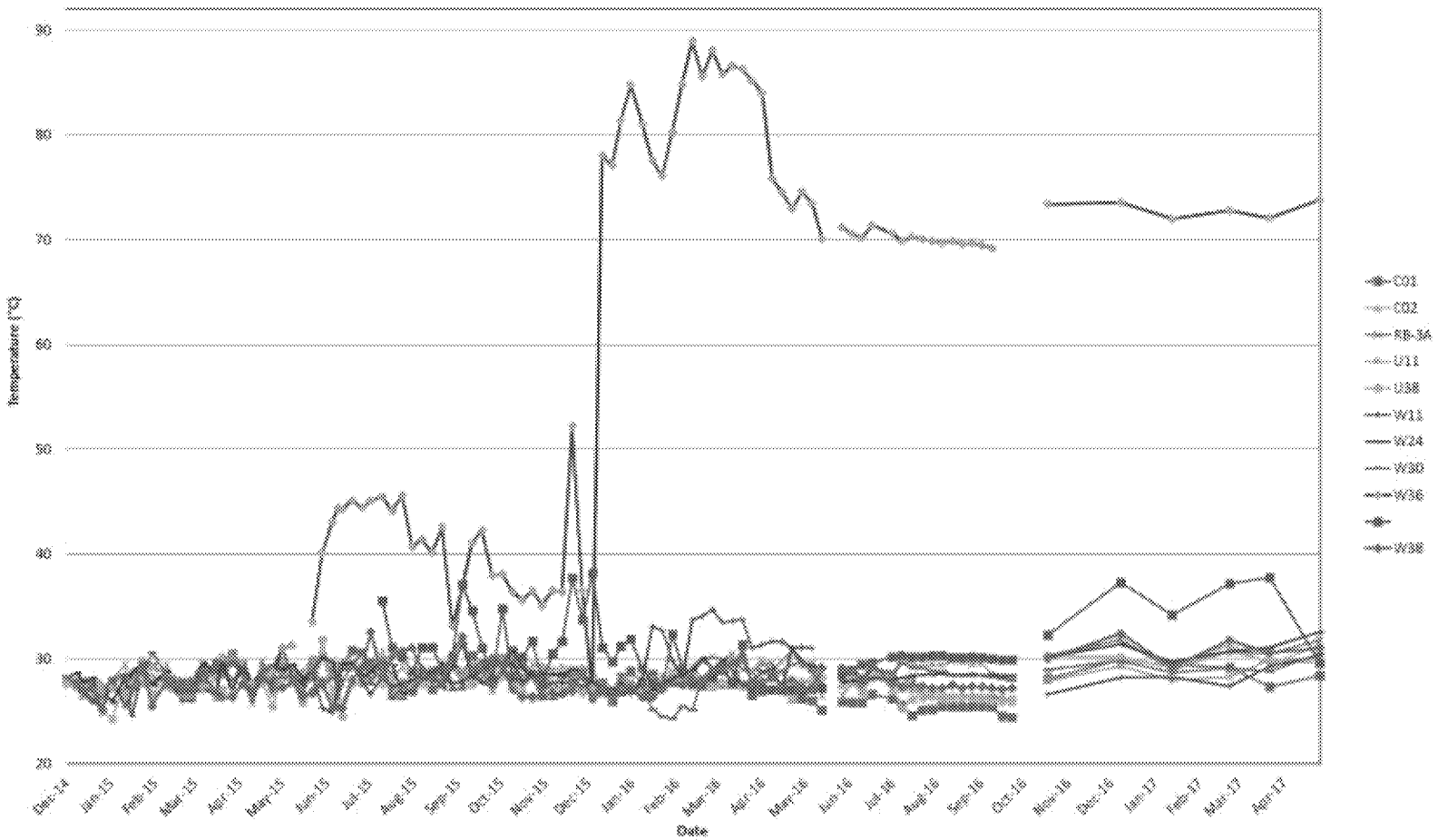


Note: Increased groundwater elevation in ST012-W11 on 19 August and 26 August 2016 are suspected to be influenced by LNAPL in the monitoring well caused by malfunctioning measuring equipment.

V. SUBSURFACE TEMPERATURE MONITORING

A. Perimeter Monitoring Well Temperatures

The next monitoring event will be completed during the week ending 28 April 2017.



Notes:

1. Thermocouples are measured at approximate depths as follows (in feet below top of casing) : C01=162; C02=168; RB-3A=161; U11=180; U38=164; W24=230; W30=231; W36=225; W11=228; and W38=228.
2. Existing permanent thermocouples were removed for maintenance on 30 September 2016. Readings after 30 September 2016 have been taken with a portable manually placed thermocouple.

VI. SEE TEMPERATURE MONITORING POINTS

This section will be updated periodically with new temperature monitoring point (TMP) data.

Depth (ft BTOC)	TMP01 (°F)									TMP02 (°F)									TMP04[a] (°F)									Boiling Point (°F)[c]
	S-16	O-16	N-16	D-16	J-17	F-17	M-17	A-17	M-17	S-16	O-16	N-16	D-16	J-17	F-17	M-17	A-17	M-17	S-16	O-16	N-16	D-16	J-17	F-17	M-17	A-17	M-17	
100	117	124	124	128	135	138	128	140	136	95	92	89	92	93	89	92	93	91	47	120	124	119	126	123	124	116	117	213
120		86							179	89	92	91	91	92	91	95	95	93	63	152	152	145	150	149	146	139	140	213
130										90	93	92	92	94	92	94	96	94										213
140	208	207	204	210	210	222	208	128	225	93	93	93	93	95	95	95	99	96	79	174	172	165	167	166	160	151	153	213
145										92	95	94	94	96	96	98	101	98										213
150	221	222	218	225	228	226	220	140	233	96	96	95	97	98	98	100	103	100	78	167	169	165	167	163	156	150	153	214
155										96	97	96	99	99	99	104	105	102										220
160	234	24[illegible]	243	246	249	244	245	246	247	97	98	97	100	100	101	103	106	104	79	173	174	170	172	168	164	153	156	226
165										---	97	---	102	101	102	105	106	105										231
170	238	246	239	242	245	247	247	246	255	99	101	100	102	103	105	106	108	107	90	190	192	189	191	188	187	178	178	236
175										101	103	102	105	106	108	109	111	109										241
180	251	251	249	[illegible]	252	253	256	161	259	103	107	105	108	109	107	112	114	112	103	211	213	210	210	206	206	197	195	246
185										107	110	109	112	113	113	117	118	116										250
190										113	114	105	116	117	118	120	122	119	108	223	236	225	232	228	231	216	218	255
195		256	252	149	260	172	248	---	256	116	118	117	120	120	119	124	126	124										259
200										---	119	---	123	124	127	129	130	128	128	25[illegible]	249	230	24[illegible]	244	241	230	228	262
205										123	125	125	128	129	130	134	136	135										266
210										127	128	131	136	137	137	142	146	145	129	246	213	220	218	201	205	213	212	269
215										132	136	138	145	146	147	153	155	155										272
220										133	139	144	149	153	154	162	164	163	132	264	252	240	212	241	234	212	185	275
225										138	146	152	161	162	164	170	172	171										277
230										141	149	156	164	166	167	174	175	173	173	255	255	246	226	223	211	210	209	280
235										132	141	145	152	153	155	162	163	162										282
242										118	126	128	132	138	138	147	148	147										284

Depth (ft BTOC)	TMP05 (°F)									TMP06 (°F)									TMP07 (°F)									Boiling Point (°F) [c]
	S-16	O-16	N-16	D-16	J-17	F-17	M-17	A-17	M-17	S-16	O-16	N-16	D-16	J-17	F-17	M-17	A-17	M-17	S-16	O-16	N-16	D-16	J-17	F-17	M-17	A-17	M-17	
100	116	119	125	127	125	124	127	125	138	111	116	120	124	121	129	125	114	128										213
120	152	153	157	163	161	159	166	161	175										99	100	96	74	103	83	83	96	103	213
130																												213
140	195	197	199	204	200	197	197	198	210	205	207	210	214	208	211	210	195	211	104	108	105	113	111	120	130	126	126	213
145																												213
150										211	214	217	221	214	220	216	203	217	111	114	114	125	124	126	135	135	137	214
155																												220
160	37	33							231										123	126	130	135	133	135	148	146	145	226
165																												231
170										210	212	217	225	220	226	224	212	228	144	147	147	154	154	154	161	164	162	236
175																												241
180										212	213	220	---	---	---	---	---	212	176	178	176	181	185	174	149	175	181	246
185																												250
190																			222	218	216	218	219	210	213	213	223	255
195																												259
200																			287	252	244	246	241	235	---	240	228	262
205																												266
210																			263	263	254	254	250	241	207	242	233	269
215																												272
220																			271	249	244	239	236	220	---	---	229	275
225																												277
230																			262	229	227	229	246	257	225	---	234	280
235																												282
242										225	221	216	220	208	200	196	175	177	233	197	193	190	---	---	---	---	186	284

Depth (ft BTOC)	TMP08 (°F)									TMP10 (°F)									TMP11 (°F)									Boiling Point (°F) [c]
	S-16	O-16	N-16	D-16	J-17	F-17	M-17	A-17	M-17	S-16	O-16	N-16	D-16	J-17	F-17	M-17	A-17	M-17	S-16	O-16	N-16	D-16	J-17	F-17	M-17	A-17	M-17	
100	88	99	88	99	96	101	98	94	99	90	92	92	89	91	---	---	----	----	94	100	106	101	107	110	112	117	114	213
120	89	99	89	99	95	99	97	94	100	111	111	113	113	114	118	114	114	116	129	139	142	142	143	143	145	147	146	213
130	90	97	90	97	98	103	98	94	100	130	125	125	124	124	126	123	124	123	160	162	164	164	162	162	166	170	164	213
140	92	95	92	95	99	100	99	95	101	134	131	130	130	131	131	130	131	131	177	178	178	180	176	178	177	180	178	213
145	89	90	89	90	90	96	95	91	96										177	181	182	183	180	183	182	187	182	213
150	97	100	97	100	102	104	101	101	108										183	182	183	184	180	180	182	184	182	214
155	99	105	99	105	103	109	106	103	109	113	108	112	115	116	107	117	118	119	181	177	179	178	177	178	178	182	177	220
160	105	109	105	109	110	116	114	110	116	109	106	111	---	---	---	---	----	----	176	175	176	179	176	179	178	181	178	226
165	112	113	112	113	117	122	113	116	123	109	106	113	116	118	120	119	123	124	167	171	172	174	173	176	173	182	177	231
170	114	124	114	124	126	132	132	124	132	106	110	114	116	117	121	122	123	125	164	169	173	176	174	179	175	182	181	236
175	130	133	130	133	133	134	133	131	140	122	100	---	---	---	---	---	----	129	161	166	171	176	172	178	178	184	181	241
180	137	148	137	148	149	147	140	136	145	120	113	117	116	117	120	126	124	124	164	168	172	177	175	179	181	185	181	246
185	137	147	137	147	148	151	150	140	145	136	132	135	135	135	138	---	----	142	174	174	177	183	175	190	189	193	190	250
190	144	147	144	147	145	149	145	140	145	150	139	138	136	138	143	142	141	141	193	194	196	200	197	200	200	207	202	255
195	143	147	143	147	149	150	147	142	146	157	151	151	147	149	151	146	149	147	207	207	208	212	208	211	210	214	208	259
200	114	119	114	119	123	127	126	124	128	171	48	---	---	---	---	---	----	159	217	222	223	224	219	223	220	220	214	262
205	138	152	138	152	151	154	148	149	152	184	176	174	171	170	171	166	165	163	[illegible]	233	232	231	226	227	223	226	220	266
210	149	151	149	151	148	151	145	146	150	181	174	169	166	164	165	158	157	156	234	239	237	236	231	232	226	228	222	269
215	148	147	148	147	148	149	148	145	147	179	174	167	166	164	164	163	162	164	243	234	240	240	234	237	219	222	215	272
220	145	147	145	147	143	149	140	141	144	174	166	172	171	167	163	162	163	161	219	224	221	220	215	218	213	212	207	275
225	141	150	141	150	147	149	143	141	146	166	171	172	173	170	174	167	140	169	213	206	206	206	201	204	198	200	194	277
230	141	148	141	148	147	149	148	143	146	145	170	163	166	161	156	155	155	155	192	186	186	190	184	186	181	184	180	280
235	144	148	144	148	146	147	144	142	145	129	132	134	139	136	137	135	134	135	162	168	170	170	169	172	168	172	164	282
242	138	146	138	146	148	150	147	142	145	134	122	134	141	138	134	138	139	144	142	141	151	152	152	156	152	157	146	284

Depth (ft BTOC)	TMP13[b] (°F)									TMP16 (°F)									Boiling Point (°F)[c]
	S-16	O-16	N-16	D-16	J-17	F-17	M-17	A-17	M-17	S-16	O-16	N-16	D-16	J-17	F-17	M-17	A-17	A-17	
100	130	153	135	136	135	130	134	132	134	115	115	124	123	128	128	126	126	128	213
120										145	157	159	160	160	162	156	156	157	213
130	186	186	186	184	182	180	181	178	178	165	180	181	180	178	178	174	174	172	213
140										174	199	193	196	194	194	188	188	187	213
145	205	204	205	202	199	196	196	193	193	187	201	197	199	196	197	191	191	189	213
150										178	200	199	199	197	197	192	191	189	214
155	209	209	208	207	204	200	200	197	197	181	199	196	197	192	193	191	187	185	220
160										187	191	195	194	191	193	188	187	186	226
165	224	224	224	222	218	215	217	211	213	187	196	204	200	199	199	198	196	193	231
170										192	204	209	211	207	211	208	205	203	236
175	233	235	235	232	229	227	226	222	225	197	214	213	216	212	212	210	208	207	241
180										196	218	218	221	216	218	213	213	211	246
185	242	245	247	243	241	238	231	235	239	205	226	228	229	225	227	221	219	221	250
190										205	238	239	242	237	240	233	233	232	255
195	254	257	257	256	252	249	247	247	249	217	248	248	248	242	239	233	234	235	259
200										232	256	255	250	249	249	246	242	241	262
205	261	264	263	261	257	254	253	249	250	241	264	259	253	254	256	251	240	246	266
210										230	253	253	250	246	248	240	239	238	269
215	260	259	257	255	250	247	245	239	236	240	249	249	246	240	240	234	231	232	272
220										227	236	235	232	225	227	224	221	221	275
225	242	240	---	---	---	---	---	---	234	206	219	215	214	210	212	208	203	202	277
230										175	195	199	196	192	191	188	183	185	280
235	202	203	203	203	201	200	202	196	198	161	174	177	175	171	171	168	----	169	282
242										130	157	156	157	156	160	155	155	157	284

100°F 175°F 250°F

ft BTOC - feet below top of casing
°F – degrees Fahrenheit
NR - not recorded due to instrumentation malfunction

[a] During SEE operations, TMP04 became non-functional as of June 2015. Data collected from this TMP will be closely monitored for erroneous readings.
[b] During SEE operations, TMP13 was compromised in March and July of 2015. Select sensors were repaired, however, readings from this TMP are very close to boiling and are considered suspect.
[c] Estimated boiling points by elevation are based on an assumed groundwater elevation of 149 ft below ground surface.

VII. LNAPL MONITORING

A. Perimeter LNAPL Thickness (ft)

Starting with the week ending 07 October 2016, groundwater elevation monitoring will be performed monthly at all perimeter monitoring locations, except ST012-W11 and ST012-W37, which will be monitored weekly based on continued LNAPL recovery.

Monitoring Well	04/21/2017			04/28/2017			05/05/2017			05/12/2017		
	Before bailing/ pumping	After bailing/ pumping	Weekly Gallons Removed	Before bailing/ pumping	After bailing/ pumping	Weekly Gallons Removed	Before bailing/ pumping	After bailing/ pumping	Weekly Gallons Removed	Before bailing/ pumping	After bailing/ pumping	Weekly Gallons Removed
CZ												
ST012-C01	---	---	---	0.00	0.00	0.0	---	---	---	---	---	---
ST012-C02	---	---	---	0.00	0.00	0.0	---	---	---	---	---	---
UWBZ												
ST012-U02	---	---	---	0.00	0.00	0.0	---	---	---	---	---	---
ST012-U11	---	---	---	0.00	0.00	0.0	---	---	---	---	---	---
ST012-U12	---	---	---	0.00	0.00	0.0	---	---	---	---	---	---
ST012-U37	---	---	---	0.00	0.00	0.0	---	---	---	---	---	---
ST012-U38	---	---	---	0.00	0.00	0.0	---	---	---	---	---	---
ST012-RB-3A	---	---	---	0.00	0.00	0.0	---	---	---	---	---	---
LSZ												
ST012-W11	1.65	0.03	7.5	0.41	0.41	0.0	1.05	0.00	3	0.55	0.55	---
ST012-W12	---	---	---	0.00	0.00	0.0	---	---	---	---	---	---
ST012-W24	---	---	---	0.00	0.00	0.0	---	---	---	---	---	---
ST012-W30	---	---	---	0.00	0.00	0.0	---	---	---	---	---	---
ST012-W34	---	---	---	0.00	0.00	0.0	---	---	---	---	---	---
ST012-W36	---	---	---	0.00	0.00	0.0	---	---	---	---	---	---
ST012-W37	3.93	0.10	10	3.36	3.36	0.0	8.38	0.05	10	5.50	5.50	---
ST012-W38	---	---	---	0.00	0.00	0.0	---	---	---	---	---	---

B. LNAPL Monitoring and Removal

The table included with this report as Attachment 1 summarizes the removal and monitoring performed at LNAPL screened wells.

VIII. WASTE GENERATION AND RECYCLING

No site-derived waste or recyclable material was removed this week.

IX. TWO WEEK LOOK AHEAD

A. EBR Construction – None

B. Containment System Construction

1. Trenching and installation of extraction piping across Ulysses Avenue

C. Containment System Operation - None

D. Sampling/Monitoring Activities

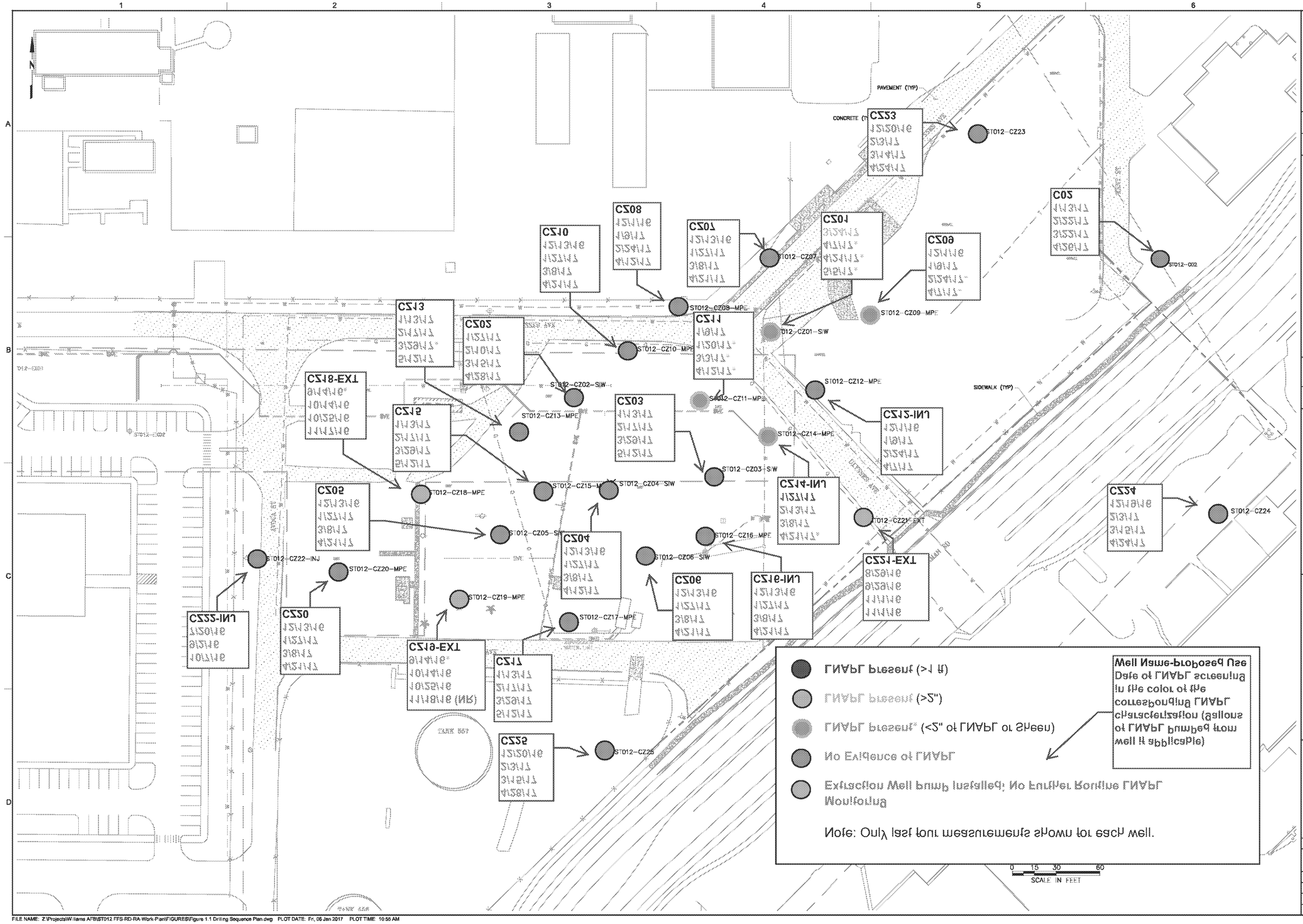
1. Pumping and bailing to remove NAPL from SEE wells
2. Continued NAPL screening in SEE extraction and injection wells

E. SVE System Operation/Optimization

1. Continue operation of flame oxidizer with SVE system

X. ATTACHMENTS

1. LNAPL Screening Figures based on table in Attachment 2
2. LNAPL Monitoring and Removal Table



FILE NAME: Z:\Projects\Williams AFB\ST012 FFS-RD-RA-Work-Plan\FIGURES\Figure 1.1 Drilling Sequence Plan.dwg PLOT DATE: Fri, 06 Jan 2017 PLOT TIME: 10:56 AM

NO.	DATE	REVISION	BY	APVD
DSGN		DR	CHK	APVD

REMEDIAL DESIGN/ REMEDIAL ACTION
WORK PLAN
ST012-FORMER WILLIAMS AIR FORCE BASE
MESA, ARIZONA

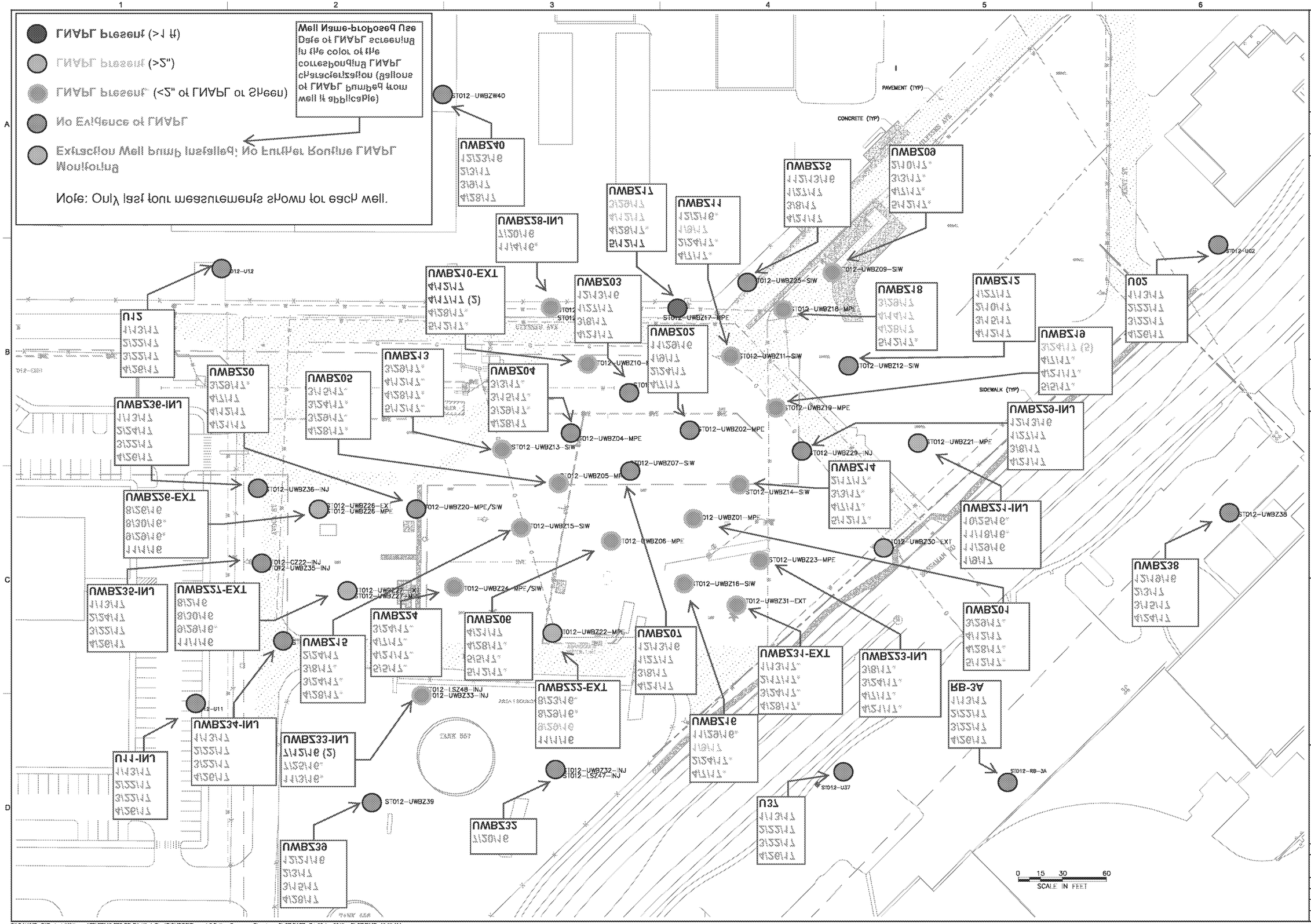
DRAWING STATUS
CONSTRUCTION RFP DRAWINGS

amec foster wheeler
Environment & Infrastructure, Inc.
511 Congress Street, Suite 200
Portland, ME 04112
(207) 775 - 5401

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"

DATE
PROJ 9101-11-0001
DWG
SHEET OF 15

THIS DRAWING IS THE PROPERTY OF AMEC FOSTER WHEELER, INCLUDING ALL PATENTED AND PATENTABLE FEATURES, AND/OR CONFIDENTIAL INFORMATION AND ITS USE IS CONDITIONED UPON THE USERS AGREEMENT NOT TO REPRODUCE THE DRAWING, IN WHOLE OR PART, NOR THE MATERIAL DESCRIBED THEREON, NOR THE USE OF THE DRAWING FOR ANY PURPOSE OTHER THAN SPECIFICALLY PERMITTED IN WRITING BY AMEC FOSTER WHEELER



NO.	DATE	DR	REVISION	CHK	APVD
DSGN				BY	APVD

REMEDIAL DESIGN/ REMEDIAL ACTION WORK PLAN
ST012-FORMER WILLIAMS AIR FORCE BASE
MESA, ARIZONA

DRAWING STATUS
CONSTRUCTION RFP DRAWINGS

amec foster wheeler
Environment & Infrastructure, Inc.
511 Congress Street, Suite 200
Portland, ME 04112
(207) 775 - 5401

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

DATE
PROJ 9101-11-0001
DWG
SHEET OF 15

THIS DRAWING IS THE PROPERTY OF AMEC FOSTER WHEELER, INCLUDING ALL PATENTED AND PATENTABLE FEATURES, AND/OR CONFIDENTIAL INFORMATION AND ITS USE IS CONDITIONED UPON THE USERS AGREEMENT NOT TO REPRODUCE THE DRAWING, IN WHOLE OR PART, NOR THE MATERIAL DESCRIBED THEREON, NOR THE USE OF THE DRAWING FOR ANY PURPOSE OTHER THAN SPECIFICALLY PERMITTED IN WRITING BY AMEC FOSTER WHEELER

FILE NAME: Z:\Projects\Williams AFB\ST012 FFS-RD-RA-Work Plan\FIGURES\Figure 1.2 Drilling Sequence Plan.dwg PLOT DATE: Fri, 06 Jan 2017 PLOT TIME: 10:55 AM

LNAPL present (>1 ft)

LNAPL present (>2")

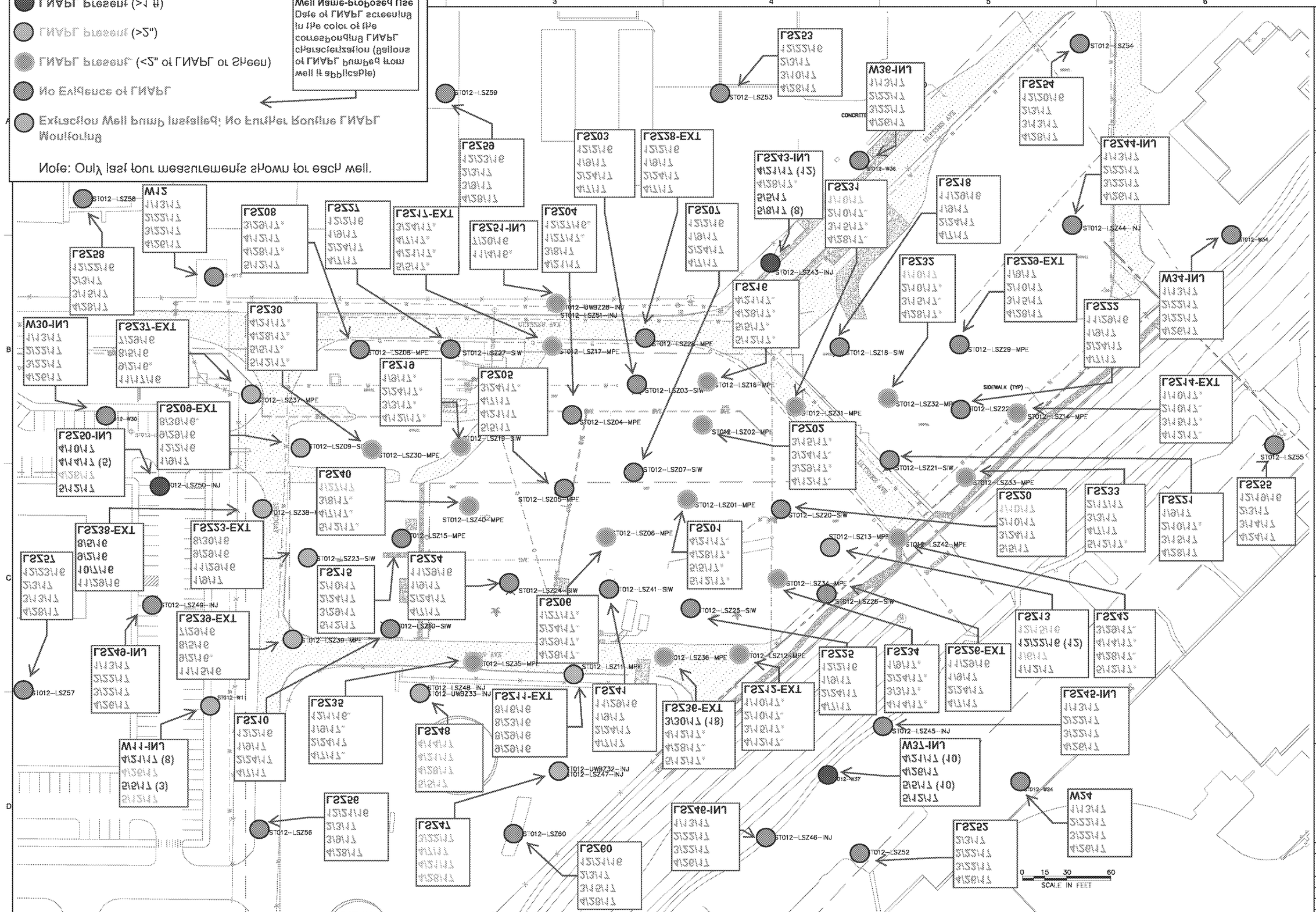
LNAPL present (<2" of LNAPL or Sheen)

No Evidence of LNAPL

Extraction Well Pump Installed; No Longer Routine LNAPL Monitoring

Well Name-proposed use
Date of LNAPL screening
in the color of the
corresponding LNAPL
characterization (gallons
of LNAPL pumped from
well if applicable)

Note: Only last four measurements shown for each well.



NO.	DATE	DR	REVISION	CHK	APVD	BY	APVD
DSGN							

REMEDIAL DESIGN/ REMEDIAL ACTION WORK PLAN
ST012-FORMER WILLIAMS AIR FORCE BASE
MESA, ARIZONA

DRAWING STATUS
CONSTRUCTION RFP DRAWINGS

THIS DRAWING IS THE PROPERTY OF AMEC FOSTER WHEELER, INCLUDING ALL PATENTED AND PATENTABLE FEATURES, AND/OR CONFIDENTIAL INFORMATION AND ITS USE IS CONDITIONED UPON THE USERS AGREEMENT NOT TO REPRODUCE THE DRAWING, IN WHOLE OR PART, NOR THE MATERIAL DESCRIBED THEREON, NOR THE USE OF THE DRAWING FOR ANY PURPOSE OTHER THAN SPECIFICALLY PERMITTED IN WRITING BY AMEC FOSTER WHEELER

amec foster wheeler
Environment & Infrastructure, Inc.
511 Congress Street, Suite 200
Portland, ME 04112
(207) 775 - 5401

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

DATE
PROJ 9101-11-0001
DWG
SHEET OF 15

FILE NAME: Z:\Projects\Williams AFB\ST012 FFS-RD-RA-Work Plan\FIGURES\Figure 1.3 Drilling Sequence Plan.dwg PLOT DATE: Thu, 12 Jan 2017 PLOT TIME: 1:40 PM

Attachment 2. LNAPL Monitoring and Removal

The following table summarizes the removal and monitoring performed at LNAPL screened wells. LNAPL monitoring of wells was prioritized based on expected future usage of each well as part of EBR. Subsequent LNAPL monitoring/removal frequency was prioritized based on the amount of LNAPL, the observed LNAPL recharge, and the temperature of each well. LNAPL monitoring and removal was initially conducted weekly at wells with LNAPL and the frequency has been reduced in some locations depending on whether LNAPL returns after pumping/bailing.

Dual screened wells (UWBZ28/LSZ51, UWBZ32/LSZ47, and UWBZ33/LSZ48, and CZ22/UWBZ35) are not routinely checked for LNAPL due to the packers installed between the two screen intervals and the associated air line and injection piping. Periodically, when collecting groundwater samples or doing maintenance work on the packers, LNAPL measurements have been collected. If LNAPL is observed while packers are temporarily removed, LNAPL is assumed to originate from the screened interval(s) that had positive dye test results in soil during well installation.

Any additional wells that are monitored in future weeks will be included on this table:

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	7/19/2016	N	Y	NM	146 (2)	0.3 (1)	N	Y	---	---	---	0
	7/25/2016	N	Y	NM	145 (2)	0.08 (1)	N	Y	---	---	---	0
	8/2/2016	N	Sheen	144 (2)	144 (2)	Sheen	N	Sheen	---	---	---	0
	8/10/2016	N	Y	NM	144 (2)	0.02 (1)	N	Y	---	---	---	0
	8/15/2016	N	Y	NM	147 (2)	0.04 (1)	N	Y	---	---	---	0
	8/23/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	8/29/2016	N	Y	NM	147 (2)	0.06 (1)	N	Y	---	---	---	0
	9/14/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	10/14/2016	N	Y	NM	147 (2)	0.17 (1)	N	Y	---	---	---	0
	10/25/2016	N	Y	NM	146 (2)	0.08 (1)	N	Y	---	---	---	0
	11/16/2016	N	Y	---	145 (2)	0.20 (1)	N	Y	---	---	---	0
	11/18/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	11/29/2016	N	Y	NM	145 (2)	0.17 (1)	N	Y	---	---	---	0
	12/13/2016	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	12/27/2016	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	1/13/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	1/27/2017	N	Y	NM	146 (2)	0.02 (1)	N	Y	---	---	---	0
	2/10/2017	N	Y	NM	146 (2)	0.02 (1)	N	Y	---	---	---	0
	2/24/2017	N	Y	NM	145 (2)	0.01 (1)	N	Y	---	---	---	0
	3/8/2017	N	Y	NM	145 (2)	0.02 (1)	N	Y	---	---	---	0
	3/24/2017	N	Y	NM	145 (2)	0.17 (1)	N	Y	---	---	---	0
	4/7/2017	N	Y	NM	144 (2)	0.03 (1)	N	Y	---	---	---	0
	4/21/2017	N	Y	NM	144 (2)	0.13 (1)	N	Y	---	---	---	0
CZ01	5/5/2017	N	Y	NM	144 (2)	0.13 (1)	N	Y	---	---	---	0
	7/12/2016	N	N	---	144 (2)	---	N	N	---	---	---	0
	7/27/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/23/2016	N	Y	NM	147 (2)	0.25 (1)	N	Y	---	---	---	0
	8/29/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	9/14/2016	N	Y	NM	147 (2)	0.25 (1)	N	Y	---	---	---	0
	10/14/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	10/25/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/16/2016	N	Sheen	150 (2)	150 (2)	Sheen	N	Sheen	---	---	---	0
	11/18/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	11/29/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	12/13/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	12/27/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	1/13/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	1/27/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	2/10/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	3/15/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
CZ02	4/28/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	7/7/2016	N	N	---	---	---	N	N	---	---	---	0
	7/11/2016	N	N	---	142 (2)	---	N	N	---	---	---	0
	7/27/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	9/29/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	11/1/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	12/1/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	1/13/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	2/17/2017	N	N	---	149 (2)	---	N	N	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	3/29/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
CZ03	5/12/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	7/7/2016	N	N	---	---	---	N	N	---	---	---	0
	7/12/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	7/27/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/13/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	1/27/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	3/8/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
CZ04	4/12/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	7/7/2016	N	N	---	---	---	N	N	---	---	---	0
	7/12/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	7/28/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/3/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/13/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	1/27/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	3/8/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
CZ05	4/21/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	7/11/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	7/28/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/23/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/13/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	1/27/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	3/8/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
CZ06	4/21/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	7/13/2016	N	Y	NM	142 (2)	0.04 (1)	N	Y	---	---	---	0
	7/25/2016	N	Y	143.5 (2)	144 (2)	0.50 (1)	N	Y	---	---	---	0
	8/2/2016	N	Y	NM	144 (2)	0.01 (1)	N	Y	---	---	---	0
	8/16/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	12/13/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	1/27/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	3/8/2017	N	N	---	145 (2)	---	N	N	---	---	---	0
CZ07	4/21/2017	N	N	---	144 (2)	---	N	N	---	---	---	0
	7/13/2016	N	Y	NM	147 (2)	0.04 (1)	N	Y	---	---	---	0
	7/25/2016	N	Y	NM	146 (2)	0.02 (1)	N	Y	---	---	---	0
	8/2/2016	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	8/16/2016	N	Y	NM (2)	146 (2)	0.02 (1)	N	Y	---	---	---	0
	8/23/2016	N	Y	NM (2)	146 (2)	0.02 (1)	N	Y	---	---	---	0
	9/29/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	12/1/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	2/24/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
CZ08	4/12/2017	N	N	---	145 (2)	---	N	N	---	---	---	0
	6/22/2016	N	Y	NR	NR	0.13 (1)	N	Y	---	---	---	0
	7/18/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	7/25/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	8/23/2016	N	Y	---	146 (2)	0.08 (1)	N	Y	---	---	---	0
	9/29/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	12/1/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	2/24/2017	N	N	---	146 (2)	0.01 (1)	N	N	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
CZ09	4/7/2017	N	N	---	145 (2)	0.01 (1)	N	N	---	---	---	0
	6/23/2016	N	N	---	---	---	N	N	---	---	---	0
	7/12/2016	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	7/27/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/2/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/23/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	12/13/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	1/27/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	3/8/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
CZ10	4/21/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	5/23/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	7/7/2016	N	Sheen	---	NM	---	N	Sheen	---	---	---	0
	7/12/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	7/27/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/16/2016	N	Y	NM	148 (2)	0.01 (1)	N	Y	---	---	---	0
	8/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/1/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/20/2017	N	Y	NM	148 (2)	0.01 (1)	N	Y	---	---	---	0
	3/3/2017	N	Sheen	NM	148 (2)	Sheen	N	Sheen	---	---	---	0
CZ11	4/12/2017	N	Y	NM	148 (2)	0.13 (1)	N	Y	---	---	---	0
	5/13/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/7/2016	N	Y	149 (2)	NM	NM	Y	N	NR	NR	NR	1
	6/23/2016	N	N	---	---	---	N	N	---	---	---	0
	6/29/2016	N	N	NM	156 (2)	NM	N	N	---	---	---	0
	7/13/2016	N	Y	143 (2)	150 (2)	7 (1)	N	Y	---	---	---	0
	7/19/2016	N	Sheen	---	146 (2)	Sheen	N	Sheen	---	---	---	0
	7/25/2016	N	Sheen	---	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/2/2016	N	Sheen	---	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/17/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/23/2016	N	Y	NM	146 (2)	0.02 (1)	N	Y	---	---	---	0
	9/29/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	12/1/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	2/24/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
CZ12	4/7/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/4/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	12/1/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/15/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/13/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	2/17/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	3/29/2017	N	Sheen	NA	148 (2)	Sheen	N	Sheen	---	---	---	0
CZ13	5/12/2017	N	N	NA	147 (2)	---	N	N	---	---	---	0
	5/22/2016	N	N	---	---	---	N	N	---	---	---	0
	5/26/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/7/2016	N	Y	148 (2)	NM	NM	Y	N	NR	NR	NR	3
	6/22/2016	N	N	---	---	---	N	N	---	---	---	0
	6/29/2016	N	Sheen	152 (2)	152 (2)	Sheen	N	Sheen	---	---	---	0
	7/7/2016	N	Sheen	---	NM	---	N	Sheen	---	---	---	0
	7/11/2016	N	Sheen	142 (2)	142 (2)	Sheen	N	Sheen	---	---	---	0
	7/25/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	8/2/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	8/16/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	12/13/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/27/2017	N	Y	146 (2)	148 (2)	2	N	Y	---	---	---	0
	2/13/2017	N	N	---	151 (2)	---	N	N	---	---	---	0
	3/8/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
CZ14	4/21/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	11/4/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/22/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/1/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	12/15/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	1/13/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	2/17/2017	N	N	---	145 (2)	---	N	N	---	---	---	0
	3/29/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
CZ15	5/12/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	5/19/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/7/2016	N	Y	151 (2)	NM	NM	Y	N	151	NR	NR	1
	6/22/2016	N	N	---	---	---	N	N	---	---	---	0
	6/29/2016	N	N	---	152 (2)	---	N	N	---	---	---	0
	7/11/2016	N	N	---	141 (2)	---	N	N	---	---	---	0
	7/25/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/3/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	12/13/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/27/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	3/8/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
CZ16	4/21/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/7/2016	N	NM	NM	149 (2)	NM	N	NM	---	---	---	0
	11/22/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/1/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	12/15/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	1/13/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	2/17/2017	N	N	---	151 (2)	---	N	N	---	---	---	0
	3/29/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
CZ17	5/12/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	5/31/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/15/2016	N	N	NM	149 (2)	NM	N	N	---	---	---	0
	6/22/2016	N	Y	NM	NM	0.13 (1)	N	Y	---	---	---	0
	6/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	7/12/2016	N	Y	---	144 (2)	0.02 (1)	N	Y	---	---	---	0
	7/28/2016	N	Y	---	148 (2)	0.01 (1)	N	Y	---	---	---	0
	8/3/2016	N	Y	---	148 (2)	0.01 (1)	N	Y	---	---	---	0
	8/10/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/15/2016	N	Y	NM	147 (2)	0.01 (1)	N	Y	---	---	---	0
	8/23/2016	N	Y	NM	148 (2)	0.01 (1)	N	Y	---	---	---	0
	8/29/2016	N	Y	NM	147 (2)	0.01 (1)	N	Y	---	---	---	0
	9/14/2016	N	Y	NM	148 (2)	0.02 (1)	N	Y	---	---	---	0
	10/14/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	10/25/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
CZ18	11/9/2016(9)	---	---	---	---	---	---	---	---	---	---	0
	5/31/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/22/2016	N	N	---	NM	---	N	N	---	---	---	0
	6/29/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	7/12/2016	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	7/28/2016	N	Y	NM	147 (2)	0.01 (1)	N	Y	---	---	---	0
	8/3/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/15/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/23/2016	N	Y	NM	149 (2)	0.01 (1)	N	Y	---	---	---	0
	8/30/2016	---	---	---	---	---	---	---	---	---	---	0
	9/14/2016	N	Y	NM	148 (2)	0.01 (1)	N	Y	---	---	---	0
	10/14/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	10/25/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/8/2016	N	Y	NM	148 (2)	1.5 (1)	Y	Y	NR	NR	NR	2 (10)
CZ19	11/9/2016(9)	---	---	---	---	---	---	---	---	---	---	0
	7/12/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	7/28/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/3/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/13/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	1/27/2017	N	N	---	146 (2)	---	N	N	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
CZ20	3/8/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	4/21/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
CZ21*	7/20/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	7/25/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/9/2016(9)	---	---	---	---	---	---	---	---	---	---	0
CZ22/ UWBZ35*	7/20/2016	N	N	---	---	---	N	N	---	---	---	0
	9/2/2016(5)	Y	N	---	143.6	---	N	N	---	---	---	0
	9/2/2016(6)	Y	N	---	143.6	---	N	N	---	---	---	0
	10/7/2016(5)	Y	N	---	143.1	---	N	N	---	---	---	0
	10/7/2016(6)	Y	N	---	143.1	---	N	N	---	---	---	0
	11/4/2016(7)	Y	Y	143	143.6	0.66	N	N	---	---	---	0
	12/8/2016(6)	Y	N	---	144.7	---	N	N	---	---	---	0
	1/13/2017(6)	Y	N	---	144.7	---	N	N	---	---	---	0
	2/24/2017(6)	Y	N	---	142.7	---	N	N	---	---	---	0
	3/22/2017(6)	Y	N	---	143.1	---	N	N	---	---	---	0
	4/26/2017(6)	Y	N	---	142.2	---	N	N	---	---	---	0
CZ23*	12/8/2016	Y	N	---	146	---	N	N	---	---	---	0
	2/3/2017	Y	N	---	145.5	---	N	N	---	---	---	0
	3/14/2017	Y	N	---	145.5	---	N	N	---	---	---	0
	4/24/2017	Y	N	---	145.20	---	N	N	---	---	---	0
CZ24*	12/8/2016	Y	N	---	147.2	---	N	N	---	---	---	0
	2/3/2017	Y	N	---	146.7	---	N	N	---	---	---	0
	3/15/2017	Y	N	---	146.5	---	N	N	---	---	---	0
	4/24/2017	Y	N	---	146.4	---	N	N	---	---	---	0
CZ25*	12/8/2016	Y	N	---	143.6	---	N	N	---	---	---	0
	2/3/2017	Y	N	---	143.2	---	N	N	---	---	---	0
	3/15/2017	Y	N	---	143.2	---	N	N	---	---	---	0
	4/28/2017	Y	N	---	142.90	---	N	N	---	---	---	0
UWBZ01	11/22/2016	N	Y	145 (2)	148 (2)	3 (1)	Y	Y	147 (2)	148 (2)	1 (1)	20
	12/8/2016	N	Y	146.6 (2)	148 (2)	1.4 (1)	N	Y	---	---	---	0
	12/16/2016	N	Y	NM	148 (2)	0.6 (1)	N	Y	---	---	---	0
	12/23/2016	N	Y	NM	148 (2)	0.8 (1)	N	Y	---	---	---	0
	1/6/2017	N	Y	NM	148 (2)	0.7 (1)	N	Y	---	---	---	0
	1/12/2017	N	Y	NM	148 (2)	1.1 (1)	N	Y	---	---	---	0
	1/20/2017	N	Y	146 (2)	NM	>3 (1)	N	Y	---	---	---	0
	1/27/2017	N	Y	147 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/3/2017	N	Y	143 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/10/2017	N	Y	149 (2)	NM	>3 (1)	Y	Y	NA	151	Sheen	5
	2/10/2017	N	Y	148 (2)	150.5 (2)	2.5 (1)	N	Y	---	---	---	0
	2/14/2017	N	Y	147 (2)	NM	>3 (1)	Y	Y	148 (2)	NM	<1	10
	2/17/2017	N	Y	148 (2)	149 (2)	1 (1)	N	Y	---	---	---	0
	2/23/2017	N	Y	148 (2)	NM	>3 (1)	Y	Y	148 (2)	NM	0.25 (1)	10
	2/24/2017	N	Y	148 (2)	NM	0.33 (1)	N	Y	---	---	---	0
	3/3/2017	N	Y	149 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	3/8/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	3/15/2017	N	Y	147 (2)	NM	0.38 (1)	N	Y	---	---	---	0
	3/24/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	3/29/2017	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	4/12/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	4/28/2017	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	5/12/2017	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	7/12/2016	N	Y	142 (2)	169 (2)	27 (1)	Y	N	NR	NR	0	25
	7/27/2016	N	Y	NM	149 (2)	0.25 (1)	N	Y	---	---	---	0
	8/2/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	8/10/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	8/15/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/26/2016	N	N	---	152 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	150 (2)	---	N	N	---	---	---	0
	9/14/2016	N	N	---	151 (2)	---	N	N	---	---	---	0
	10/14/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	10/25/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/17/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/29/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	147 (2)	---	N	N	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	2/24/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
UWBZ02	4/7/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	7/7/2016	N	N	---	---	---	N	N	---	---	---	0
	7/12/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	7/27/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/3/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	12/13/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/27/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	3/8/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
UWBZ03	4/21/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/4/2016	N	Y	144 (2)	155 (2)	11 (1)	N	Y	---	---	---	0
	11/22/2016	N	Y	144 (2)	149 (2)	5 (1)	Y	Y	NR	147 (2)	0.5 (1)	35
	12/1/2016	N	Y	146 (2)	152 (2)	6 (1)	Y	Y	NR	149 (2)	0.8 (1)	22
	12/8/2016	N	Y	147.2 (2)	149 (2)	1.8 (1)	N	Y	---	---	---	0
	12/16/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	12/23/2016	N	Y	NM	147 (2)	0.6 (1)	N	Y	---	---	---	0
	1/6/2017	N	Y	NM	147 (2)	0.8 (1)	N	Y	---	---	---	0
	1/12/2017	N	Y	NM	147 (2)	1 (1)	N	Y	---	---	---	0
	1/20/2017	N	Y	NM	147 (2)	0.02 (1)	N	Y	---	---	---	0
	1/27/2017	N	Y	NM	147 (2)	0.04 (1)	N	Y	---	---	---	0
	2/3/2017	N	Y	NM	148 (2)	0.02 (1)	N	Y	---	---	---	0
	2/10/2017	N	Y	NM	148 (2)	0.02 (1)	N	Y	---	---	---	0
	2/17/2017	N	Y	NM	146 (2)	0.01 (1)	N	Y	---	---	---	0
	3/3/2017	N	Y	NM	146 (2)	0.02 (1)	N	Y	---	---	---	0
	3/15/2017	N	Y	NM	148 (2)	0.02 (1)	N	Y	---	---	---	0
	3/29/2017	N	Y	NM	148 (2)	0.02 (1)	N	Y	---	---	---	0
UWBZ04	4/28/2017	N	N	NM	147 (2)	---	N	N	---	---	---	0
	11/4/2016	N	Y	145 (2)	154 (2)	9 (1)	N	Y	---	---	---	0
	11/22/2016	N	Y	144 (2)	149 (2)	5 (1)	Y	Y	NR	147 (2)	0.3 (1)	30
	12/1/2016	N	Y	146 (2)	151 (2)	5 (1)	Y	Y	NR	148 (2)	0.4 (1)	30
	12/8/2016	N	Y	146.5 (2)	148 (2)	1.5 (1)	N	Y	---	---	---	0
	12/16/2016	N	Y	146.4 (2)	148 (2)	1.6 (1)	N	Y	---	---	---	0
	12/23/2016	N	Y	146.1 (2)	148 (2)	1.9 (1)	Y	Sheen	NR	147 (2)	Sheen	20
	1/6/2017	N	Y	147 (2)	148 (2)	1 (1)	N	Y	---	---	---	0
	1/12/2017	N	Y	147 (2)	148 (2)	1 (1)	N	Y	---	---	---	0
	1/20/2017	N	Y	145 (2)	NM	>3 (1)	N	Y	---	---	---	0
	1/27/2017	N	Y	145 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/3/2017	N	Y	145 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/9/2017	N	Y	147 (2)	NM	>3 (1)	Y	Y	NR	148 (2)	Sheen	4 (10)
	2/10/2017	N	Y	NM	146 (2)	0.08 (1)	N	Y	---	---	---	0
	2/17/2017	N	Y	NM	148 (2)	0.06 (1)	N	Y	---	---	---	0
	2/24/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	3/3/2017	N	Y	NM	147 (2)	0.06 (1)	N	Y	---	---	---	0
	3/8/2017	N	N	---	147 (2)	---	N	Y	---	---	---	0
	3/15/2017	N	Y	NM	146 (2)	0.04 (1)	N	Y	---	---	---	0
	3/24/2017	N	Y	NM	146 (2)	0.01 (1)	N	Y	---	---	---	0
	3/29/2017	N	Y	NM	147 (2)	0.01 (1)	N	Y	---	---	---	0
UWBZ05	4/28/2017	N	Y	NM	146 (2)	0.02 (1)	N	Y	---	---	---	0
	11/1/2016	N	Y	138 (2)	153 (2)	15 (1)	N	Y	---	---	---	0
	11/3/2016	N	Y	138 (2)	153 (2)	15 (1)	Y	Y	NR	148 (2)	<0.01 (1)	25
	11/22/2016	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	12/1/2016	N	Y	139 (2)	153 (2)	14 (1)	Y	Y	NR	148 (2)	0.6 (1)	25
	12/8/2016	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	12/16/2016	N	Y	144 (2)	147 (2)	3 (1)	N	Y	---	---	---	0
	12/23/2016	N	Y	143.5 (2)	147 (2)	3.5 (1)	Y	Y	NR	147 (2)	0.08 (1)	30
	1/6/2017	N	Y	145.9 (2)	147 (2)	1.1 (1)	N	Y	---	---	---	0
	1/12/2017	N	Y	146 (2)	147 (2)	1 (1)	N	Y	---	---	---	0
	1/20/2017	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	1/27/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	2/10/2017	N	Y	147 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	2/13/2017	N	Y	150 (2)	150.5 (2)	0.5 (1)	Y	Y	NR	153 (2)	Sheen	4
	2/17/2017	N	Y	146 (2)	NM	0.02 (1)	N	Y	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	2/24/2017	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	3/3/2017	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	3/8/117	N	Y	147 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	3/15/2017	N	Y	146 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	3/24/2017	N	Y	148 (2)	NM	0.25 (1)	N	Y	---	---	---	0
	3/29/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	4/7/2017	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	4/12/2017	N	Y	147 (2)	NM	0.67 (1)	N	Y	---	---	---	0
	4/21/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	4/28/2017	N	Y	147 (2)	NM	0.06 (1)	N	Y	---	---	---	0
	5/5/2017	N	Y	147 (2)	NM	0.04 (1)	N	Y	---	---	---	0
UWBZ06	5/12/2017	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	7/7/2016	N	N	---	---	---	N	N	---	---	---	0
	7/12/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	7/27/2016	N	N	---	149 (2)	---	N	N	---	`	---	0
	8/2/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	12/13/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	1/27/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	3/8/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
UWBZ07	4/21/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	7/19/2016	N	Y	---	144 (2)	0.4 (1)	N	Y	---	---	---	0
	7/25/2016	N	Y	---	145 (2)	0.33 (1)	N	Y	---	---	---	0
	8/2/2016	N	Y	---	145 (2)	0.01 (1)	N	Y	---	---	---	0
	8/12/2016	N	Sheen	145 (2)	145 (2)	Sheen	N	Sheen	---	---	---	0
	8/15/2016	N	Y	NM	147 (2)	0.04 (1)	N	Y	---	---	---	0
	8/26/2016	N	Y	NM	150 (2)	0.01 (1)	N	Y	---	---	---	0
	8/30/2016	N	Y	NM	150 (2)	0.5 (1)	N	Y	---	---	---	0
	9/14/2016	N	Y	NM	151 (2)	0.01 (1)	N	Y	---	---	---	0
	10/14/2016	N	Y	NM	147 (2)	0.13 (1)	N	Y	---	---	---	0
	10/25/2016	N	Y	NM	147 (2)	1.83 (1)	N	Y	---	---	---	0
	10/31/2016	N	Y	145 (2)	147 (2)	2 (1)	Y	Y	NR	147 (2)	<0.01 (1)	5
	11/16/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/13/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/13/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	1/27/2017	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	2/10/2017	N	Y	145 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	3/3/2017	N	Y	144 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	4/7/2017	N	Y	146 (2)	NM	0.04 (1)	N	Y	---	---	---	0
UWBZ09	5/12/2017	N	Y	143 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	5/24/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/3/2016	N	Y	143 (3)	NM	NM	Y	N	NR	NR	NR	13
	6/23/2016	N	N	---	---	---	N	N	---	---	---	0
	6/29/2016	N	Y	151 (2)	151 (2)	0.08 (1)	N	Y	---	---	---	0
	7/12/2016	N	Y	142 (2)	152 (2)	10 (1)	N	Y	---	---	---	0
	7/13/2016	N	Y	NR	NR	NR	Y	N	NR	NR	0	18
	7/27/2016	N	Y	NM	148 (2)	0.2 (1)	N	Y	---	---	---	0
	8/2/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/10/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/15/2016	N	Y	NM	148 (2)	0.2 (1)	N	Y	---	---	---	0
	8/23/2016	N	Y	NM	148 (2)	0.25 (1)	N	Y	---	---	---	0
	8/30/2016	N	Y	NM	149 (2)	0.02 (1)	N	Y	---	---	---	0
	9/14/2016	N	Y	NM	148 (2)	0.25 (1)	N	Y	---	---	---	0
	10/14/2016	N	Y	NM	149 (2)	0.02 (1)	N	Y	---	---	---	0
	10/25/2016	N	Y	NM	149 (2)	0.04 (1)	N	Y	---	---	---	0
	11/16/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	11/29/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	12/13/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	1/13/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	1/27/2017	N	Y	NM	147 (2)	0.4 (1)	N	Y	---	---	---	0
	2/10/2017	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	3/3/2017	N	Y	148 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	3/15/2017	N	Y	149 (2)	NM	0.17 (1)	N	Y	---	---	---	0
	3/29/2017	N	Y	147 (2)	NM	0.13 (1)	N	Y	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	4/12/2017	N	Y	146 (2)	NM	1 (1)	N	Y	---	---	---	0
	4/17/2017	N	Y	147 (2)	NM	1 (1)	Y	Y	148 (2)	148 (2)	Sheen	2
	4/28/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
UWBZ10	5/12/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	7/18/2016	N	Y	142 (2)	158 (2)	16 (1)	N	Y	---	---	---	0
	7/29/2016	N	Y	144 (2)	151 (2)	7 (1)	Y	N	NR	148	0	20
	8/3/2016	N	Y	NM	149 (2)	0.2 (1)	N	Y	---	---	---	0
	8/10/2016	N	Y	NM	148 (2)	0.2 (1)	N	Y	---	---	---	0
	8/15/2016	N	Y	146 (2)	148 (2)	2 (1)	N	Y	---	---	---	0
	8/18/2016	N	Y	146 (2)	147 (2)	1 (1)	Y	Y	147 (2)	147 (2)	0.01 (1)	10
	8/26/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/30/2016	N	Y	NM	148 (2)	0.1 (1)	N	Y	---	---	---	0
	9/29/2016	N	Y	NM	148 (2)	0.08 (1)	N	Y	---	---	---	0
	10/14/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	11/1/2016	N	Y	NM	146 (2)	0.08 (1)	N	Y	---	---	---	0
	12/2/2016	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	1/9/2017	N	Y	NM	147 (2)	0.3 (1)	N	Y	---	---	---	0
	2/24/2017	N	Y	NM	144 (2)	0.02 (1)	N	Y	---	---	---	0
UWBZ11	4/7/2017	N	Y	NM	144 (2)	0.02 (1)	N	Y	---	---	---	0
	7/19/2016	N	Sheen	145 (2)	145 (2)	Sheen	N	Sheen	---	---	---	0
	7/25/2016	N	Y	NM	145 (2)	0.1 (1)	N	Y	---	---	---	0
	8/2/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/16/2016	N	Y	NM	146 (2)	0.02 (1)	N	Y	---	---	---	0
	8/29/2016	N	Sheen	NM	145 (2)	Sheen	N	Sheen	---	---	---	0
	9/14/2016	N	Y	NM	147 (2)	0.02 (1)	N	Y	---	---	---	0
	10/14/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	10/25/2016	N	Y	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	11/16/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/29/2016	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	12/13/2016	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	12/27/2016	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	1/13/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	1/27/2017	N	N	---	143 (2)	---	N	N	---	---	---	0
	2/10/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	3/15/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
UWBZ12	4/12/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	7/7/2016	N	Y	NM	NM	<0.02 (1)	N	Y	---	---	---	0
	7/12/2016	N	Y	140 (2)	165 (2)	25 (1)	N	Y	---	---	---	0
	7/13/2016	N	Y	NR	NR	NR	Y	N	NR	NR	0	40
	7/27/2016	N	Y	NM	148 (2)	0.4 (1)	N	Y	---	---	---	0
	8/3/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/10/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/15/2016	N	Y	---	149 (2)	0.02 (1)	N	Y	---	---	---	0
	8/23/2016	N	Y	---	148 (2)	0.02 (1)	N	Y	---	---	---	0
	8/30/2016	N	Y	---	148 (2)	0.02 (1)	N	Y	---	---	---	0
	9/14/2016	N	Y	---	148 (2)	0.02 (1)	N	Y	---	---	---	0
	10/14/2016	N	Y	---	149 (2)	0.08 (1)	N	Y	---	---	---	0
	10/25/2016	N	Y	---	148 (2)	0.08 (1)	N	Y	---	---	---	0
	11/17/2016	N	Y	---	147 (2)	0.08 (1)	N	Y	---	---	---	0
	11/29/2016	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	1/13/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	2/17/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	3/3/2017	N	Y	147 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	3/15/2017	N	Y	149 (2)	NM	0.06 (1)	N	Y	---	---	---	0
	3/29/2017	N	Y	147 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	4/12/2017	N	Y	149 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	4/28/2017	N	Y	148 (2)	NM	0.03 (1)	N	Y	---	---	---	0
UWBZ13	5/12/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	7/7/2016	N	Y	NM	NM	0.02 (1)	N	Y	---	---	---	0
	7/11/2016	N	Y	NM	144 (2)	0.02 (1)	N	Y	---	---	---	0
	7/25/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/17/2016	N	Y	NM	148 (2)	0.25 (1)	N	Y	---	---	---	0
	8/30/2016	N	Y	NM	148 (2)	0.01 (1)	N	Y	---	---	---	0
	9/14/2016	N	Y	NM	148 (2)	0.01 (1)	N	Y	---	---	---	0
	10/14/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	10/25/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	11/16/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	11/29/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	1/13/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	2/17/2017	N	Y	147 (2)	NM	0.06	N	Y	---	---	---	0
	3/3/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	4/7/2017	N	Y	148 (2)	NM	0.02	N	Y	---	---	---	0
UWBZ14	5/12/2017	N	Y	146 (2)	NM	0.04	N	Y	---	---	---	0
	7/12/2016	N	Y	140 (2)	170 (2)	30 (1)	N	Y	---	---	---	0
	7/18/2016	N	Y	140 (2)	150 (2)	10 (1)	Y	N	NR	147 (2)	0	55
	7/27/2016	N	Y	147 (2)	152 (2)	5 (1)	N	Y	---	---	---	0
	8/3/2016	N	Y	NM	149 (2)	0.08 (1)	N	Y	---	---	---	0
	8/10/2016	N	Y	NM	148 (2)	0.6 (1)	N	Y	---	---	---	0
	8/15/2016	N	Y	146 (2)	149 (2)	3 (1)	N	Y	---	---	---	0
	8/23/2016	N	Y	146 (2)	149 (2)	3 (1)	N	Y	---	---	---	0
	8/30/2016	N	Y	NM	148 (2)	0.17 (1)	N	Y	---	---	---	0
	9/6/2016	N	Y	147 (2)	152 (2)	5 (1)	N	Y	---	---	---	0
	9/8/2016	N	Y	147 (2)	152 (2)	5 (1)	Y	Y	---	145 (2)	0.4 (2)	25
	9/14/2016	N	Y	NM	148 (2)	0.25 (1)	N	Y	---	---	---	0
	9/20/2016	N	Y	NM	148 (2)	0.02 (1)	N	Y	---	---	---	0
	9/26/2016	N	Y	NM	148 (2)	0.02 (1)	N	Y	---	---	---	0
	10/4/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	10/14/2016	N	Y	148 (2)	152 (2)	4 (1)	N	Y	---	---	---	0
	10/25/2016	N	Y	NM	146 (2)	0.67 (1)	N	Y	---	---	---	0
	10/26/2016	N	Y	148	152 (2)	4 (1)	Y	Y	NM	149	0.04 (2)	10
	11/1/2016	N	Y	NM	148 (2)	0.25 (1)	N	Y	---	---	---	0
	11/17/2016	N	Y	NM	147 (2)	0.13 (1)	N	Y	---	---	---	0
	11/29/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	12/13/2016	N	Y	NM	148 (2)	0.08 (1)	N	Y	---	---	---	0
	12/27/2016	N	Y	NM	148 (2)	0.1 (1)	N	Y	---	---	---	0
	1/13/2017	N	Y	NM	147 (2)	0.5 (1)	N	Y	---	---	---	0
	1/27/2017	N	Y	NM	147 (2)	1.5 (1)	N	Y	---	---	---	0
	2/10/2017	N	Y	NM	146 (2)	0.17 (1)	N	Y	---	---	---	0
	2/24/2017	N	N	---	146 (2)	---	N	Sheen	---	---	---	0
	3/8/2017	N	Y	NM	149 (2)	0.04 (1)	N	Y	---	---	---	0
	3/24/2017	N	Y	NM	146 (2)	0.04 (1)	N	Y	---	---	---	0
UWBZ15	4/28/2017	N	Y	NM	147 (2)	0.1 (1)	N	Y	---	---	---	0
	7/11/2016	N	Y	NM	143 (2)	0.02 (1)	N	Y	---	---	---	0
	7/25/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/3/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/16/2016	N	Y	NM	146 (2)	0.01 (1)	N	Y	---	---	---	0
	8/30/2016	N	Y	NM	146 (2)	0.01 (1)	N	Y	---	---	---	0
	9/14/2016	N	Y	NM	150 (2)	0.08 (1)	N	Y	---	---	---	0
	10/14/2016	N	Y	NM	149 (2)	0.02 (1)	N	Y	---	---	---	0
	10/25/2016	N	Y	NM	148 (2)	0.02 (1)	N	Y	---	---	---	0
	11/18/2016	N	Y	NM	148 (2)	0.21 (1)	N	Y	---	---	---	0
	11/29/2016	N	Y	NM	149 (2)	0.08 (1)	N	Y	---	---	---	0
	1/9/2017	N	Y	NM	148 (2)	0.5 (1)	N	Y	---	---	---	0
	2/24/2017	N	Sheen	150 (2)	150 (2)	Sheen	N	Sheen	---	---	---	0
UWBZ16	4/7/2017	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	7/25/2016	N	Y	143 (2)	150 (2)	7 (1)	N	Y	---	---	---	0
	8/3/2016	N	Y	143 (2)	150 (2)	7 (1)	Y	N	NR	142 (2)	0 (1)	36
	8/10/2016	N	Sheen	150 (2)	150 (2)	Sheen	N	Sheen	---	---	---	0
	8/16/2016	N	Y	146 (2)	148 (2)	2 (1)	N	Y	---	---	---	0
	8/23/2016	N	Y	146 (2)	148 (2)	2 (1)	N	Y	---	---	---	0
	8/30/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	9/6/2016	N	Y	145 (2)	149 (2)	4 (1)	N	Y	---	---	---	0
	9/9/2016	N	Y	145 (2)	149 (2)	4 (1)	Y	N	NR	145 (2)	0.6 (1)	15
	9/14/2016	N	Y	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	9/20/2016	N	Y	NM	146 (2)	0.5 (1)	N	Y	---	---	---	0
	9/26/2016	N	Y	NM	146 (2)	0.5 (1)	N	Y	---	---	---	0
	10/4/2016	N	Y	NM	147 (2)	0.02 (1)	N	Y	---	---	---	0
	10/14/2016	N	Y	NM	147 (2)	0.83 (1)	N	Y	---	---	---	0
	10/25/2016	N	Y	NM	147 (2)	0.83 (1)	N	Y	---	---	---	0
	11/1/2016	N	Y	NM	149 (2)	1.33 (1)	N	Y	---	---	---	0
	11/18/2016	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	11/29/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	12/8/2016	N	Y	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	12/15/2016	N	Y	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	12/22/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	1/6/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	1/20/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	2/3/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	2/17/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	3/3/2017	N	Y	144 (2)	NM	0.33 (1)	N	Y	---	---	---	0
	3/15/2017	N	Y	145 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	3/29/2017	N	Y	146 (2)	NM	0.29 (1)	N	Y	---	---	---	0
	4/12/2017	N	Y	146 (2)	NM	0.21 (1)	N	Y	---	---	---	0
	4/28/2017	N	Y	144 (2)	NM	0.01 (1)	N	Y	---	---	---	0
UWBZ17	5/12/2017	N	Y	144 (2)	NM	1.5 (1)	N	Y	---	---	---	0
	6/22/2016	N	Y	NM	NM	3 (1)	N	Y	---	---	---	0
	6/30/2016	N	Y	147 (2)	NM	NM	Y	N	NR	NR	0	20
	7/19/2016	N	Y	NM	145 (2)	0.2 (1)	N	Y	---	---	---	0
	7/25/2016	N	Y	NM	145 (2)	0.7 (1)	N	Y	---	---	---	0
	8/2/2016	N	Sheen	145 (2)	145 (2)	Sheen	N	Sheen	---	---	---	0
	8/12/2016	N	Sheen	145 (2)	145 (2)	Sheen	N	Sheen	---	---	---	0
	8/15/2016	N	Y	145 (2)	147 (2)	2 (1)	N	Y	---	---	---	0
	8/23/2016	N	Y	146 (2)	148 (2)	2 (1)	N	Y	---	---	---	0
	8/30/2016	N	Y	NM	148 (2)	0.02 (1)	N	Y	---	---	---	0
	9/6/2016	N	Y	NM	145 (2)	0.13 (1)	N	Y	---	---	---	0
	9/14/2016	N	Y	NM	148 (2)	0.13 (1)	N	Y	---	---	---	0
	9/20/2016	N	Y	146 (2)	147 (2)	1 (1)	N	Y	---	---	---	0
	9/26/2016	N	Y	146 (2)	147.5 (2)	1.5 (1)	N	Y	---	---	---	0
	10/4/2016	N	Y	147 (2)	148.6 (2)	1.6 (1)	N	Y	---	---	---	0
	10/14/2016	N	Y	NM	147 (2)	0.5 (1)	N	Y	---	---	---	0
	10/25/2016	N	Y	NM	147 (2)	0.5 (1)	N	Y	---	---	---	0
	11/1/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	11/18/2016	N	Y	NM	147 (2)	0.21 (1)	N	Y	---	---	---	0
	11/29/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	12/8/2016	N	Sheen	NM	147 (2)	Sheen	N	Sheen	---	---	---	0
	12/15/2016	N	Sheen	NM	148 (2)	Sheen	N	Sheen	---	---	---	0
	12/23/2016	N	Sheen	NM	148 (2)	Sheen	N	Sheen	---	---	---	0
	1/6/2017	N	Sheen	NM	147 (2)	Sheen	N	Sheen	---	---	---	0
	1/20/2017	N	Y	NM	144 (2)	0.08 (1)	N	Y	---	---	---	0
	2/3/2017	N	Y	NM	146 (2)	0.37 (1)	N	Y	---	---	---	0
	2/17/2017	N	Y	NM	144 (2)	0.05 (1)	N	Y	---	---	---	0
	3/3/2017	N	Y	NM	146 (2)	0.02 (1)	N	Y	---	---	---	0
	3/15/2017	N	Y	145 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	3/29/2017	N	Y	145 (2)	NM	0.21 (1)	N	Y	---	---	---	0
	4/14/2017	N	Y	145 (2)	NM	0.5 (1)	N	Y	---	---	---	0
	4/28/2017	N	Y	143 (2)	NM	0.17 (1)	N	Y	---	---	---	0
UWBZ18	5/12/2017	N	Sheen	143 (2)	NM	Sheen (1)	N	Sheen	---	---	---	0
	6/6/2016	N	Y	150 (2)	NM	NM	Y	N	NR	NR	0	1
	6/22/2016	N	Y	NM	NM	3 (1)	N	Y	---	---	---	0
	7/11/2016	N	Y	138 (2)	164 (2)	26 (1)	N	Y	---	---	---	0
	7/12/2016	N	Y	142 (2)	162 (2)	20 (1)	Y	N	NR	144 (2)	0	28
	7/25/2016	N	Y	NM	147 (2)	0.2 (1)	N	Y	---	---	---	0
	8/3/2016	N	Y	NM	147 (2)	0.02 (1)	N	Y	---	---	---	0
	8/10/2016	N	Y	NM	147 (2)	0.02 (1)	N	Y	---	---	---	0
	8/16/2016	N	Y	147 (2)	148 (2)	1 (1)	N	Y	---	---	---	0
	8/26/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/30/2016	N	Y	NM	147 (2)	0.02 (1)	N	Y	---	---	---	0
	9/14/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	10/14/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	10/25/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	11/18/2016	N	Y	NM	147 (2)	0.17 (1)	N	Y	---	---	---	0
	11/29/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	12/13/2016	N	Y	NM	147 (2)	0.05 (1)	N	Y	---	---	---	0
	12/27/2016	N	Y	NM	147 (2)	0.02 (1)	N	Y	---	---	---	0
	1/13/2017	N	Y	NM	148 (2)	0.1 (1)	N	Y	---	---	---	0
	1/27/2017	N	Y	NM	147 (2)	0.02 (1)	N	Y	---	---	---	0
	2/10/2017	N	Y	NM	147 (2)	0.01 (1)	N	Y	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	2/24/2017	N	Y	NM	147 (2)	0.02 (1)	N	Y	---	---	---	0
	3/8/2017	N	Y	NM	145 (2)	0.08 (1)	N	Y	---	---	---	0
	3/24/2017	N	Y	NM	145 (2)	0.67 (1)	Y	N	NR	146 (2)	0	5
	4/7/2017	N	Y	NM	147 (2)	0.01 (1)	N	Y	---	---	---	0
	4/21/2017	N	Y	NM	147 (2)	0.06 (1)	N	Y	---	---	---	0
UWBZ19	5/5/2017	N	Y	NM	145 (2)	0.01 (1)	N	Y	---	---	---	0
	11/7/2016	N	Y	141 (2)	162 (2)	21 (1)	N	Y	---	---	---	0
	11/15/2016	N	Y	146 (2)	147 (2)	1 (1)	Y	N	---	146 (2)	0	2
	11/22/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	12/1/2016	N	Y	140 (2)	148 (2)	8 (1)	Y	Y	145 (2)	147 (2)	2 (1)	15
	12/8/2016	N	Y	146 (2)	148 (2)	2 (1)	Y	Y	147 (2)	147 (2)	Sheen	5
	12/15/2016	N	Y	146 (2)	148 (2)	2 (1)	N	Y	---	---	---	0
	12/22/2016	N	Y	145 (2)	148 (2)	3 (1)	Y	Y	147 (2)	147 (2)	0.3 (1)	35
	1/6/2017	N	Y	147 (2)	148 (2)	1 (1)	N	Y	---	---	---	0
	1/12/2017	N	Y	147.2 (2)	148 (2)	0.8 (1)	N	Y	---	---	---	0
	1/20/2017	N	Y	142 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/2/2017	N	Y	143 (2)	NM	>3 (1)	Y	Y	147 (2)	147 (2)	0	50
	2/3/2017	N	Y	NM	146 (1)	0.06 (1)	N	Y	---	---	---	0
	2/10/2017	N	Y	146 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/14/2017	N	Y	147 (2)	NM	>3 (1)	Y	Y	150 (2)	NM	<1	18
	2/17/2017	N	Y	147 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	2/24/2017	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	3/3/2017	N	Y	148 (2)	NM	0.5 (1)	N	Y	---	---	---	0
	3/8/2017	N	Y	148 (2)	NM	>3 (1)	N	Y	---	---	---	0
	3/13/2017	N	Y	147 (2)	NM	>3 (1)	Y	N	148 (2)	NM	NM	8
	3/15/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	3/24/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	3/29/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	4/7/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	4/12/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
UWBZ20	4/21/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	5/26/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/14/2016	N	Y	148 (2)	NM	NM	Y	N	NR	NR	0	24
	6/23/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/29/2016	N	Y	155 (2)	157.5 (2)	2.5 (1)	N	Y	---	---	---	0
	7/7/2016	N	Y	NM	NM	0.08 (1)	N	Y	---	---	---	0
	7/29/2016	N	Y	146 (2)	152 (2)	6 (1)	Y	N	NR	148 (2)	0.1 (1)	20
	8/2/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/10/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/15/2016	N	Y	NM	147 (2)	0.01 (1)	N	Y	---	---	---	0
	8/23/2016	N	Y	NM	147 (2)	0.01 (1)	N	Y	---	---	---	0
	8/30/2016	N	Y	NM	148 (2)	Sheen	N	Sheen	---	---	---	0
	9/14/2016	N	Y	NM	147 (2)	0.04 (1)	N	Y	---	---	---	0
	10/14/2016	N	Y	NM	148 (2)	0.04 (1)	N	Y	---	---	---	0
	10/25/2016	N	Y	NM	147 (2)	0.01 (1)	N	Y	---	---	---	0
	11/18/2016	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	11/29/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
UWBZ21	1/9/2017(9)	N	Y	NM	147 (2)	0.2 (1)	N	Y	---	---	---	0
	5/19/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/8/2016	N	Y	149 (2)	NM	NM	Y	N	NR	NR	0	1
	6/29/2016	N	Y	147 (2)	147.5 (2)	0.5 (1)	N	Y	---	---	---	0
	7/7/2016	N	Y	NM	NM	0.02 (1)	N	Y	---	---	---	0
	7/12/2016	N	Y	NM	146 (2)	0.04 (1)	N	Y	---	---	---	0
	7/28/2016	N	Y	NM	150 (2)	0.4 (1)	N	Y	---	---	---	0
	8/3/2016	N	Y	NM	150 (2)	0.02 (1)	N	Y	---	---	---	0
	8/10/2016	N	Y	NM	149 (2)	0.04 (1)	N	Y	---	---	---	0
	8/15/2016	N	Y	NM	147 (2)	0.2 (1)	N	Y	---	---	---	0
	8/23/2016	N	Y	NM	148 (2)	0.08 (1)	N	Y	---	---	---	0
	8/29/2016	N	Y	NM	147 (2)	0.01 (1)	N	Y	---	---	---	0
	9/29/2016	N	Y	NM	148 (2)	0.25 (1)	N	Y	---	---	---	0
	11/1/2016	N	Y	NM	148 (2)	0.25 (1)	N	Y	---	---	---	0
UWBZ22	11/14/2016(9)	---	---	---	---	---	---	---	---	---	---	0
	5/18/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/9/2016	N	Y	148 (2)	NM	NM	Y	N	NR	NR	0	35
	6/29/2016	N	Y	153 (2)	154.5 (2)	1.5 (1)	N	Y	---	---	---	0
	7/11/2016	N	Y	142 (2)	148 (2)	6 (1)	N	Y	---	---	---	0
	7/25/2016	N	Y	NM	149 (2)	0.8 (1)	N	Y	---	---	---	0
	8/2/2016	N	Y	NM	149 (2)	0.02 (1)	N	Y	---	---	---	0
	8/10/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	8/16/2016	N	Y	146 (2)	149 (2)	3 (1)	N	Y	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	8/22/2016	N	Y	146 (2)	149 (2)	3 (1)	Y	N	---	148 (2)	0	15
	8/26/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/14/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	10/14/2016	N	Y	---	149 (2)	0.02 (1)	N	Y	---	---	---	0
	10/25/2016	N	Y	---	148 (2)	0.02 (1)	N	Y	---	---	---	0
	11/18/2016	N	Y	---	150 (2)	0.54 (1)	N	Y	---	---	---	0
	11/29/2016	N	Y	146 (2)	148 (2)	2 (1)	N	Y	---	---	---	0
	12/13/2016	N	Y	147 (2)	148 (2)	1 (1)	N	Y	---	---	---	0
	1/13/2017	N	Y	146.7 (2)	148 (2)	1.3 (1)	N	Y	---	---	---	0
	1/27/2017	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	2/10/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	2/24/2017	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	3/8/2017	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	3/24/2017	N	Y	149 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	4/7/2017	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
UWBZ23	4/21/2017	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	11/7/2016	N	Y	146 (2)	155 (2)	9 (1)	Y	Y	NR	148 (2)	<0.01 (1)	36
	12/1/2016	N	Y	147 (2)	149 (2)	2 (1)	Y	Y	NR	148 (2)	0.2 (1)	10
	12/8/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	12/15/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	12/22/2016	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	1/6/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	1/12/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	1/20/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	1/27/2017	N	Y	---	147 (2)	0.01 (1)	N	Y	---	---	---	0
	2/3/2017	N	Y	---	147 (2)	0.04 (1)	N	Y	---	---	---	0
	2/10/2017	N	Y	---	146 (2)	0.02 (1)	N	Y	---	---	---	0
	2/17/2017	N	Y	---	147 (2)	0.02 (1)	N	Y	---	---	---	0
	2/24/2017	N	Y	---	147 (2)	0.01 (1)	N	Y	---	---	---	0
	3/8/2017	N	Y	---	148 (2)	0.01 (1)	N	Y	---	---	---	0
	3/24/2017	N	Y	---	147 (2)	0.01 (1)	N	Y	---	---	---	0
	4/7/2017	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	4/21/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
UWBZ24	5/5/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	7/19/2016	N	Sheen	145 (2)	145 (2)	Sheen	N	Sheen	---	---	---	0
	7/25/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/16/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/23/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	12/13/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	1/27/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	3/8/2017	N	N	---	145 (2)	---	N	N	---	---	---	0
UWBZ25	4/21/2017	N	N	---	144 (2)	---	N	N	---	---	---	0
	6/29/2016	N	Y	141.5 (2)	170 (2)	28.5 (1)	N	Y	---	---	---	0
	7/5/2016	Y	Y	140.4	167.1	26.61	Y	Y	142.2	162.9	20.7	10
	7/6/2016	Y	Y	142	163	20.99	Y	Y	147.3	147.8	0.45	40
	7/12/2016	N	Y	NM	142 (2)	0.17 (1)	N	Y	---	---	---	0
	7/28/2016	N	Y	147 (2)	148 (2)	1 (1)	N	Y	---	---	---	0
	8/3/2016	N	Y	NM	148 (2)	0.01 (1)	N	Y	---	---	---	0
	8/12/2016	N	Y	NM	148 (2)	0.04 (1)	N	Y	---	---	---	0
	8/16/2016	N	Y	NM	148 (2)	0.2 (1)	N	Y	---	---	---	0
	8/26/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/30/2016	N	Y	---	148 (2)	0.1 (1)	N	Y	---	---	---	0
	9/29/2016	N	Y	---	147 (2)	0.08 (1)	N	Y	---	---	---	0
	11/1/2016	N	Y	---	147 (2)	0.08 (1)	N	Y	---	---	---	0
UWBZ26	11/30/2016(9)	---	---	---	---	---	---	---	---	---	---	0
	5/24/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/8/2016	N	Y	143 (2)	NM	NM	Y	N	NR	NR	NR	32
	6/29/2016	N	Y	148 (2)	148 (2)	0.02 (1)	N	Y	---	---	---	0
	7/12/2016	N	N	---	143 (2)	---	N	N	---	---	---	0
	7/28/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	9/29/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
UWBZ27	11/1/2016	N	Y	NM	148 (2)	0.01 (1)	N	Y	---	---	---	0
	11/14/2016(9)	---	---	---	---	---	---	---	---	---	---	0
UWBZ28/ LSZ51*	7/20/2016	N	N	NM	NM	---	N	N	---	---	---	0
	11/4/2016(7)	N	Sheen	NM	146 (2)	Sheen	N	Sheen	---	---	---	0
UWBZ29	7/20/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	7/27/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	11/1/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	12/13/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/27/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	3/8/2017	N	N	---	144 (2)	---	N	N	---	---	---	0
	4/21/2017	N	N	---	143 (2)	---	N	N	---	---	---	0
UWBZ30	11/17/2016(9)	---	---	---	---	---	---	---	---	---	---	0
UWBZ31	7/20/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	7/25/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/16/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	10/3/2016	N	Y	NM	146 (2)	0.01 (1)	N	Y	---	---	---	0
	11/1/2016	N	Y	NM	146 (2)	0.02 (1)	N	Y	---	---	---	0
	12/8/2016	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	1/13/2017	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	2/17/2017	N	Y	NM	146 (2)	0.01	N	Y	---	---	---	0
	3/24/2017	N	Y	NM	145 (2)	0.04	N	Y	---	---	---	0
	4/28/2017	N	Y	NM	147 (2)	0.01	N	Y	---	---	---	0
UWBZ32/ LSZ47*	7/20/2016	N	N	NM	NM	---	N	N	---	---	---	0
	8/23/2016(6)	N	N	---	146 (2)	---	N	N	---	---	---	0
	10/7/2016(6)	Y	N	---	145.4	---	N	N	---	---	---	0
	11/3/2016(7)	Y	Y	145.4	147.50	2.11	N	Y	---	---	---	0
	11/15/2016(7)	Y	Y	144.5	147.52	3.07	N	Y	---	---	---	0
	12/6/2016(6)	Y	Y	136.6	172.98	36.4	N	Y	---	---	---	0
	2/3/2017(6)	Y	Y	135.6	171.56	36.01	N	Y	---	---	---	0
	2/10/2017(7)	Y	Y	143.20	148.00	4.8	Y	Y	144.8	145.5	0.72	8
	2/22/2017(7)	Y	Y	144.5	144.89	0.36	N	Y	---	---	---	0
	2/27/2017(7)	Y	Y	144.4	144.79	0.37	N	Y	---	---	---	0
	3/15/2017(7)	Y	Y	144.6	144.94	0.38	N	Y	---	---	---	0
	3/22/2017(7)	Y	Y	144.4	144.75	0.35	N	Y	---	---	---	0
	4/7/2017(7)	Y	Y	144.4	144.78	0.39	N	Y	---	---	---	0
	4/21/2017(7)	Y	Y	144.1	144.50	0.37	N	Y	---	---	---	0
	4/28/2017(7)	Y	Y	144	144.35	0.37	N	Y	---	---	---	0
UWBZ33/ LSZ48*	7/12/2016(5)	Y	Y	144.90	146.6	1.65	Y	Y	145.2	145.4	0.13	2
	7/25/2016(5)	Y	Sheen	NM	NM	Sheen	Y	Sheen	---	---	---	0
	11/3/2016(7)	Y	Sheen	NM	144.60	Sheen	Y	Sheen	---	---	---	0
	12/8/2016(6)	Y	N	---	144.45	---	N	N	---	---	---	0
	1/10/2017(6)	Y	N	---	144.21	---	N	N	---	---	---	0
	2/3/2017(6)	Y	N	---	143.54	---	N	N	---	---	---	0
	2/27/2017(6)	Y	N	143.5	144.98	0.21 (11)	N	Y	---	---	---	0
	3/22/2017(6)	Y	Y	143.6	145.00	0.20 (11)	N	Y	---	---	---	0
	4/7/2017(6)	Y	Y	143.5	145.05	0.22 (11)	N	Y	---	---	---	0
	4/14/2017(6)	Y	Y	143.4	144.79	0.20 (11)	N	Y	---	---	---	0
	4/21/2017(6)	Y	Y	143.4	144.70	0.18 (11)	N	Y	---	---	---	0
	4/28/2017(6)	Y	Y	143.2	144.68	0.21 (11)	N	Y	---	---	---	0
	5/5/2017(6)	Y	Y	144.5	145.82	0.18 (11)	N	Y	---	---	---	0
UWBZ34	7/20/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	7/29/2016	Y	N	---	144.5	---	N	N	---	---	---	0
	8/5/2016	Y	N	---	144.6	---	N	N	---	---	---	0
	8/19/2016	Y	N	---	144.4	---	N	N	---	---	---	0
	9/2/2016	Y	N	---	144.4	---	N	N	---	---	---	0
	9/16/2016	Y	N	---	144.3	---	N	N	---	---	---	0
	10/7/2016	Y	N	---	144.3	---	N	N	---	---	---	0
	11/22/2016	Y	N	---	143.8	---	N	N	---	---	---	0
	11/29/2016	N	N	---	142	---	N	N	---	---	---	0
	12/8/2016	Y	N	---	144	---	N	N	---	---	---	0
	1/13/2017	Y	N	---	143.5	---	N	N	---	---	---	0
	2/22/2017	Y	N	---	143.1	---	N	N	---	---	---	0
	3/22/2017	Y	N	---	143.2	---	N	N	---	---	---	0
	4/26/2017	Y	N	---	143.1	---	N	N	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	7/15/2016	Y	N	---	144.3	---	N	N	---	---	---	0
	7/29/2016	Y	N	---	144.1	---	N	N	---	---	---	0
	8/5/2016	Y	N	---	144.2	---	N	N	---	---	---	0
	9/2/2016	Y	N	---	144	---	N	N	---	---	---	0
	10/7/2016	Y	N	---	143.9	---	N	N	---	---	---	0
	11/22/2016	Y	N	---	143.4	---	N	N	---	---	---	0
	12/8/2016	Y	N	---	143.6	---	N	N	---	---	---	0
	1/13/2017	Y	N	---	143.1	---	N	N	---	---	---	0
	2/24/2017	Y	N	---	142.7	---	N	N	---	---	---	0
	3/22/2017	Y	N	---	142.8	---	N	N	---	---	---	0
UWBZ36	4/26/2017	Y	N	---	142.7	---	N	N	---	---	---	0
	12/19/2016	Y	N	---	148.2	---	N	N	---	---	---	0
	2/3/2017	Y	N	---	147.3	---	N	N	---	---	---	0
	3/15/2017	Y	N	---	147.4	---	N	N	---	---	---	0
UWBZ38*	4/24/2017	Y	N	---	147.10	---	N	N	---	---	---	0
	12/21/2016	Y	N	---	144.8	---	N	N	---	---	---	0
	2/3/2017	Y	N	---	144.4	---	N	N	---	---	---	0
	3/15/2017	Y	N	---	144.4	---	N	N	---	---	---	0
UWBZ39*	4/28/2017	Y	N	---	144	---	N	N	---	---	---	0
	12/23/2016	Y	N	---	144.7	---	N	N	---	---	---	0
	2/3/2017	Y	N	---	144.1	---	N	N	---	---	---	0
	3/9/2017	Y	N	---	144.20	---	N	N	---	---	---	0
UWBZ40*	4/28/2017	Y	N	---	143.89	---	N	N	---	---	---	0
	11/2/2016	N	Y	NM	NM	15	N	Y	---	---	---	0
	11/16/2016	N	Y	147 (2)	149 (2)	2 (1)	Y	N	---	145 (2)	---	30
	12/2/2016	N	Y	142 (2)	149 (2)	7 (1)	N	Y	---	---	---	0
	12/9/2016	N	Y	146.2 (2)	147 (2)	0.8 (1)	N	Y	---	---	---	0
	12/16/2016	N	Y	147.3 (2)	148 (2)	0.7 (1)	N	Y	---	---	---	0
	12/23/2016	N	Y	146.8 (2)	149 (2)	2.2 (1)	Y	Y	NR	148 (2)	0.3 (1)	20
	1/6/2017	N	Y	147.2 (2)	148 (2)	0.8 (1)	N	Y	---	---	---	0
	1/12/2017	N	Y	146.9 (2)	148 (2)	1.1 (1)	N	Y	---	---	---	0
	1/20/2017	N	Y	137 (2)	NM	>3 (1)	N	Y	---	---	---	0
	1/27/2017	N	Y	140 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/3/2017	N	Y	139 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/9/2017	N	Y	141 (2)	NM	>3 (1)	Y	Y	148 (2)	148 (2)	Sheen	50
	2/10/2017	N	Y	147 (2)	NM	0.33 (1)	N	Y	---	---	---	0
	2/17/2017	N	Y	146 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/23/2017	N	Y	141 (2)	NM	>3 (1)	Y	Y	146 (2)	146 (2)	Sheen	10
	2/24/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	3/3/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	3/8/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	3/15/2017	N	Y	149 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	3/24/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	3/29/2017	N	Y	146 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	4/7/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	4/12/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	4/21/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	4/28/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	5/5/2017	N	Y	148 (2)	NM (2)	0.01 (1)	N	Y	---	---	---	0
LSZ01	5/12/2017	N	Sheen	Sheen	147 (2)	Sheen (1)	N	Sheen	---	---	---	0
	11/22/2016	N	Y	134 (2)	149 (2)	15 (1)	Y	Y	NR	147 (2)	0.5	48
	12/2/2016	N	Y	137 (2)	148 (2)	11 (1)	N	Y	---	---	---	0
	12/9/2016	N	Y	142 (2)	148 (2)	6 (1)	Y	Y	NR	147 (2)	<0.08 (1)	28
	12/16/2016	N	Y	142 (2)	147 (2)	5 (1)	N	Y	---	---	---	0
	12/22/2016	N	Y	141.7 (2)	148 (2)	6.3 (1)	Y	Y	NR	147 (2)	0.5 (1)	30
	1/6/2017	N	Y	146.8 (2)	148 (2)	1.2 (1)	N	Y	---	---	---	0
	1/12/2017	N	Y	145.8 (2)	147 (2)	1.2 (1)	N	Y	---	---	---	0
	1/20/2017	N	Y	144 (2)	NM	>3 (1)	N	Y	---	---	---	0
	1/27/2017	N	Y	143 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/3/2017	N	Y	143 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/8/2017	N	Y	142 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/10/2017	N	Y	143 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/13/2017	N	Y	145 (2)	NM	>3 (1)	Y	Y	147 (2)	NM	<1 (1)	25
	2/17/2017	N	Y	146 (2)	NM	0.6 (1)	N	Y	---	---	---	0
	2/24/2017	N	Y	147 (2)	148 (2)	1 (1)	N	Y	---	---	---	0
	2/28/2017	N	Y	146 (2)	147 (2)	1 (1)	Y	N	148 (2)	NM	0 (1)	7
	3/3/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	3/8/2017	N	Y	148 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	3/15/2017	N	Y	145 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	3/24/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Y	---	---	---	0
	3/29/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Y	---	---	---	0
LSZ02	4/12/2017	N	Sheen	146 (2)	146 (2)	Sheen	N	Y	---	---	---	0
	7/7/2016	N	N	---	---	---	N	N	---	---	---	0
	7/12/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	7/28/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/3/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/30/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	12/2/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	2/24/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
LSZ03	4/7/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/4/2016	N	Y	NM	146 (2)	0.04 (1)	N	Y	---	---	---	0
	11/22/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	12/1/2016	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	12/15/2016	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	12/27/2016	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	1/27/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	3/8/2017	N	N	--	147 (2)	--	N	N	---	---	---	0
LSZ04	4/21/2017	N	N	--	147 (2)	--	N	N	---	---	---	0
	11/4/2016	N	Y	145 (2)	154 (2)	9 (1)	N	Y	---	---	---	0
	11/22/2016	N	Y	145 (2)	147 (2)	2 (1)	Y	Y	146 (2)	147.1 (2)	1.1 (1)	10
	12/1/2016	N	Y	NM	147 (2)	0.7 (1)	N	Y	---	---	---	0
	12/8/2016	N	Y	147 (2)	148 (2)	0.08 (1)	N	Y	---	---	---	0
	12/16/2016	N	Y	NM	148 (2)	0.02 (1)	N	Y	---	---	---	0
	12/23/2016	N	Y	NM	147 (2)	0.04 (1)	N	Y	---	---	---	0
	1/6/2017	N	Y	NM	147 (2)	0.06 (1)	N	Y	---	---	---	0
	1/20/2017	N	Y	NM	145 (2)	1.5 (1)	N	Y	---	---	---	0
	2/3/2017	N	Y	NM	145 (2)	0.17 (1)	N	Y	---	---	---	0
	2/10/2017	N	Y	147 (2)	149 (2)	2 (1)	N	Y	---	---	---	0
	2/15/2017	N	Y	147 (2)	NM	>3 (1)	Y	Y	148 (2)	NM	<1 (1)	13
	2/23/2017	N	Y	141 (2)	NM	>3 (1)	Y	Sheen	146 (2)	NM	Sheen	8
	2/24/2017	N	Y	147 (2)	NM	0.01 (1)	Y	Y	---	---	---	0
	3/8/2017	N	Sheen	147 (2)	NM	Sheen	N	Sheen	---	---	---	0
	3/24/2017	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	4/7/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	4/21/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
LSZ05	5/5/2017	N	N	---	145 (2)	---	N	N	---	---	---	0
	10/31/2016	N	Y	134 (2)	154 (2)	20 (1)	Y	Y	NR	147 (2)	0.01 (1)	70
	11/22/2016	N	Sheen	NM	147 (2)	Sheen	N	Sheen	---	---	---	0
	12/1/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	12/15/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	12/27/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	1/27/2017	N	Y	NM	147 (2)	0.02 (1)	N	Y	---	---	---	0
	2/24/2017	N	Sheen	NM	148 (2)	Sheen	N	Sheen	---	---	---	0
	3/29/2017	N	Y	NM	149 (2)	0.01 (1)	N	Y	---	---	---	0
LSZ06	4/28/2017	N	Y	NM	147 (2)	0.02 (1)	N	Y	---	---	---	0
	7/7/2016	N	N	---	---	---	N	N	---	---	---	0
	7/12/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	7/28/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	11/30/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/2/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	2/24/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
LSZ07	4/7/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/4/2016	Y	Y	144.7	161.10	16.44	N	Y	---	---	---	0
	11/22/2016	N	Y	146 (2)	147.2 (2)	1.2 (1)	Y	Y	NR	147 (2)	0.2 (1)	4
	12/1/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/8/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	12/15/2016	N	Y	NM	147 (2)	<0.08 (1)	N	Y	---	---	---	0
	12/23/2016	N	Y	NM	147 (2)	0.05 (1)	N	Y	---	---	---	0
	1/6/2017	N	Y	NM	147 (2)	0.07 (1)	N	Y	---	---	---	0
	1/20/2017	N	Y	NM	146 (2)	2 (1)	N	Y	---	---	---	0
	2/3/2017	N	Y	146 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/10/2017	N	Y	147 (2)	NM	>3 (1)	Y	Sheen	150 (2)	150 (2)	Sheen	15
	2/17/2017	N	Y	147 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/20/2017	N	Y	141 (2)	NM	>3 (1)	Y	Y	---	150	0	25
	3/3/2017	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	3/15/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	3/29/2017	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	4/12/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	4/28/2017	N	N	Sheen	149 (2)	Sheen	N	Sheen	---	---	---	0
LSZ08	5/12/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	5/26/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/29/2016	N	Y	152 (2)	152 (2)	<0.08 (1)	N	Y	---	---	---	0
	7/7/2016	N	Y	NM	NM	0.02 (1)	N	Y	---	---	---	0
	7/12/2016	N	Sheen	144 (2)	144 (2)	Sheen	N	Sheen	---	---	---	0
	7/27/2016	N	Y	NM	149 (2)	0.1 (1)	N	Y	---	---	---	0
	8/3/2016	N	Y	NM	148 (2)	0.1 (1)	N	Y	---	---	---	0
	8/12/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/16/2016	N	Y	NM	149 (2)	0.04 (1)	N	Y	---	---	---	0
	8/30/2016	N	Y	NM	149 (2)	0.02 (1)	N	Y	---	---	---	0
	9/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/2/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
LSZ09	1/9/2017(9)	N	N	---	148 (2)	---	N	N	---	---	---	0
	7/12/2016	N	N	---	142 (2)	---	N	N	---	---	---	0
	7/28/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/3/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/29/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	12/2/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	2/24/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
LSZ10	4/7/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	5/24/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/1/2016	N	Y	NM	NM	NM	Y	N	NR	NR	0	10 (4)
	6/29/2016	N	N	---	147	---	N	N	---	---	---	0
	7/7/2016	N	Y	NM	NM	<0.02 (1)	N	Y	---	---	---	0
	7/11/2016	N	Y	NM	145 (2)	0.08 (1)	N	Y	---	---	---	0
	7/28/2016	N	N	---	150 (2)	---	N	N	---	---	---	0
	8/3/2016	N	N	---	150 (2)	---	N	N	---	---	---	0
	8/16/2016	N	N	---	150 (2)	---	N	N	---	---	---	0
	8/23/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/29/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
LSZ11	11/15/2016(9)	---	---	---	---	---	---	---	---	---	---	0
	5/19/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/14/2016	N	Y	NM	NM	NM	Y	N	NR	NR	0	50
	6/24/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/29/2016	N	Y	148 (2)	158 (2)	10 (1)	Y	Y	NR	NR	<0.08 (1)	25
	7/12/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	7/25/2016	N	Y	---	148 (2)	0.2	N	Y	---	---	---	0
	8/2/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/10/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/16/2016	N	Y	NM	150 (2)	0.02 (1)	N	Y	---	---	---	0
	8/26/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/30/2016	N	Y	NM	149 (2)	0.01 (1)	N	Y	---	---	---	0
	9/14/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	10/14/2016	N	Y	NM	149 (2)	0.02 (1)	N	Y	---	---	---	0
	10/26/2016	N	Y	NM	149 (2)	0.08 (1)	N	Y	---	---	---	0
	11/18/2016	N	Y	NM	148 (2)	0.08 (1)	N	Y	---	---	---	0
	11/29/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	1/10/2017	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	2/10/2017	N	Y	NM	149 (2)	0.01	N	Y	---	---	---	0
	3/15/2017	N	Y	NM	150 (2)	0.01 (1)	N	Y	---	---	---	0
LSZ12	4/12/2017	N	Y	149 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	11/1/2016	N	Y	142 (2)	151 (2)	9 (1)	N	Y	---	---	---	0
	11/22/2016	N	Y	144 (2)	147 (2)	3 (1)	Y	Y	146 (2)	147 (2)	1 (1)	10

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	12/1/2016	N	Y	143 (2)	149 (2)	6 (1)	Y	Y	NR	147 (2)	0.8 (1)	15
	12/8/2016	N	Y	NM	148 (2)	0.08 (1)	N	Y	---	---	---	0
	12/15/2016	N	Y	NM	148 (2)	0.5 (1)	N	Y	---	---	---	0
	12/22/2016	N	Y	146.8 (2)	148 (2)	1.2 (1)	Y	Y	NR	147 (2)	0.3 (1)	12
	1/6/2017	N	Y	NM	148 (2)	0.8 (1)	N	Y	---	---	---	0
LSZ13	1/12/2017(9)	N	Y	147.2 (2)	148 (2)	0.8 (1)	N	Y	---	---	---	0
	5/18/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/13/2016	N	Y	144 (2)	NM	NM	Y	N	NR	NR	0	26
	6/29/2016	N	N	---	150 (2)	---	N	N	---	---	---	0
	7/7/2016	N	Y	145 (2)	166 (2)	21 (1)	Y	Y	148 (2)	NR	NR	35
	7/25/2016	N	Y	NM	147 (2)	0.2 (1)	N	Y	---	---	---	0
	8/2/2016	N	Y	NM	148 (2)	0.2 (1)	N	Y	---	---	---	0
	8/10/2016	N	Y	NM	148 (2)	0.04 (1)	N	Y	---	---	---	0
	8/15/2016	N	Y	NM	149 (2)	0.58 (1)	N	Y	---	---	---	0
	8/23/2016	N	Y	NM	149 (2)	0.5 (1)	N	Y	---	---	---	0
	8/30/2016	N	Y	NM	149 (2)	0.04 (1)	N	Y	---	---	---	0
	9/6/2016	N	Y	NM	150 (2)	0.33 (1)	N	Y	---	---	---	0
	9/14/2016	N	Y	NM	149 (2)	0.5 (1)	N	Y	---	---	---	0
	9/20/2016	N	Y	NM	148 (2)	0.5 (1)	N	Y	---	---	---	0
	9/26/2016	N	Y	NM	149 (2)	0.7 (1)	N	Y	---	---	---	0
	10/4/2016	N	Y	NM	149 (2)	0.17 (1)	N	Y	---	---	---	0
	10/14/2016	N	Y	NM	149 (2)	0.08 (1)	N	Y	---	---	---	0
	10/25/2016	N	Y	NM	148 (2)	0.75 (1)	N	Y	---	---	---	0
	11/1/2016	N	Y	NM	150 (2)	0.25 (1)	N	Y	---	---	---	0
	11/16/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	11/29/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	1/10/2017	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	2/10/2017	N	Y	151 (2)	NM	0.02	N	Y	---	---	---	0
	3/15/2017	N	Y	150 (2)	NM	0.04	N	Y	---	---	---	0
LSZ14	4/12/2017	N	Y	151 (2)	NM	0.04	N	Y	---	---	---	0
	7/12/2016	N	Y	135 (2)	NM	>35 (1)	N	Y	---	---	---	0
	7/14/2016	N	Y	144 (2)	159 (2)	15 (1)	Y	N	NR	147 (2)	Sheen	100
	7/25/2016	N	Y	NM	147 (2)	0.2 (1)	N	Y	---	---	---	0
	8/3/2016	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	8/10/2016	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
	8/15/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/23/2016	N	N	---	148 (2)	0.01 (1)	N	Y	---	---	---	0
	8/30/2016	N	Sheen	147 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	9/14/2016	N	Y	NM	148 (2)	0.04 (1)	N	Y	---	---	---	0
	10/14/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	10/26/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/18/2016	N	Y	NM	149 (2)	0.3 (1)	N	Y	---	---	---	0
	12/1/2016	N	Y	NM	148 (2)	0.3 (1)	N	Y	---	---	---	0
	12/15/2016	N	Y	NM	148 (2)	0.2 (1)	N	Y	---	---	---	0
	12/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/12/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/27/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	2/10/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	2/24/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	3/29/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
LSZ15	5/12/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/1/2016	N	Y	138 (2)	149 (2)	11 (1)	N	Y	---	---	---	0
	11/22/2016	N	Y	139 (2)	148 (2)	9 (1)	Y	Y	146.6 (2)	147 (2)	0.4 (1)	35
	12/1/2016	N	Y	141 (2)	148 (2)	7 (1)	Y	Y	146 (2)	147 (2)	1 (1)	10
	12/8/2016	N	Y	NM	148 (2)	0.08 (1)	N	Y	---	---	---	0
	12/15/2016	N	Y	NM	148 (2)	0.05 (1)	N	Y	---	---	---	0
	12/22/2016	N	Y	NM	148 (2)	0.2 (1)	N	Y	---	---	---	0
	1/6/2017	N	Y	NM	148 (2)	0.3 (1)	N	Y	---	---	---	0
	1/13/2017	N	Y	NM	147 (2)	1.5 (1)	N	Y	---	---	---	0
	1/20/2017	N	Y	129 (2)	NM	>3 (1)	N	Y	---	---	---	0
	1/27/2017	N	Y	132 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/3/2017	N	Y	131 (2)	NM	>3 (1)	Y	Y	136 (2)	NR	>3 (1)	22
	2/10/2017	N	Y	133 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/15/2017	N	Y	134 (2)	NM	>3 (1)	Y	Y	142 (2)	NR	>3 (1)	40
	2/16/2017	N	Y	143 (2)	NM	>3 (1)	Y	Y	146 (2)	NR	>3 (1)	23
	2/17/2017	N	Y	143 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/20/2017	N	Y	145 (2)	NM	>3 (1)	Y	Sheen	147 (2)	147 (2)	Sheen	36

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	2/24/2017	N	Y	146 (2)	146.5 (2)	0.5 (1)	N	Y	---	---	---	0
	3/3/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	3/8/2017	N	Y	146 (2)	NM	0.25 (1)	N	Y	---	---	---	0
	3/15/2017	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	3/24/2017	N	Y	144 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	3/29/2017	N	Sheen	144 (2)	144 (2)	Sheen	N	Sheen	---	---	---	0
	4/7/2017	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	4/12/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	4/21/2017	N	Sheen	145 (2)	145 (2)	Sheen	N	Sheen	---	---	---	0
	4/28/2017	N	Y	147 (2)	147 (2)	0.01 (1)	N	Y	---	---	---	0
	5/5/2017	N	Y	146 (2)	NM	0.01 (1)	N	Y	---	---	---	0
LSZ16	5/12/2017	N	Y	144 (2)	NM	0.13 (1)	N	Y	---	---	---	0
	5/24/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/2/2016	N	Y	130 (2)	NM	NM	Y	N	NR	NR	0	50 (4)
	6/23/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/29/2016	N	Y	150 (2)	150 (2)	0.08 (1)	N	Y	---	---	---	0
	7/12/2016	N	Y	NM	145 (2)	0.08 (1)	N	Y	---	---	---	0
	7/27/2016	N	Y	NM	148 (2)	0.2 (1)	N	Y	---	---	---	0
	8/3/2016	N	Y	NM	148 (2)	0.2 (1)	N	Y	---	---	---	0
	8/10/2016	N	Y	NM	148 (2)	0.04 (1)	N	Y	---	---	---	0
	8/15/2016	N	Y	NM	148 (2)	0.04 (1)	N	Y	---	---	---	0
	8/23/2016	N	Y	NM	148 (2)	0.08 (1)	N	Y	---	---	---	0
	8/30/2016	N	Y	NM	148 (2)	0.04 (1)	N	Y	---	---	---	0
	9/14/2016	N	Y	NM	148 (2)	0.08 (1)	N	Y	---	---	---	0
	10/14/2016	N	Y	NM	148 (2)	0.13 (1)	N	Y	---	---	---	0
	10/26/2016	N	Y	NM	148 (2)	0.08 (1)	N	Y	---	---	---	0
	11/18/2016	N	Y	NM	149 (2)	0.3 (1)	N	Y	---	---	---	0
	12/1/2016	N	Y	NM	148 (2)	0.2 (1)	N	Y	---	---	---	0
	12/15/2016	N	Y	NM	148 (2)	0.3 (1)	N	Y	---	---	---	0
	12/29/2016	N	Y	NM	148 (2)	0.5 (1)	N	Y	---	---	---	0
	1/12/2017	N	Y	NM	148 (2)	0.2 (1)	N	Y	---	---	---	0
	1/27/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	2/10/2017	N	Y	NM	148 (2)	0.2 (1)	N	Y	---	---	---	0
	2/24/2017	N	Y	NM	146 (2)	0.01 (1)	N	Y	---	---	---	0
	3/8/2017	N	Y	148 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	3/24/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	4/7/2017	N	Y	149 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	4/21/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
LSZ17	5/5/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	7/18/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	7/25/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/16/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/23/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/29/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	2/24/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
LSZ18	4/7/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	7/7/2016	N	Y	NM	NM	0.02 (1)	N	Y	---	---	---	0
	7/12/2016	N	Y	NM	144 (2)	0.04 (1)	N	Y	---	---	---	0
	7/27/2016	N	Y	NM	148 (2)	0.2 (1)	N	Y	---	---	---	0
	8/3/2016	N	Y	NM	148 (2)	0.2 (1)	N	Y	---	---	---	0
	8/10/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/16/2016	N	Y	NM	148 (2)	0.08 (1)	N	Y	---	---	---	0
	8/23/2016	N	Y	NM	147 (2)	0.04 (1)	N	Y	---	---	---	0
	8/29/2016	N	Y	NM	148 (2)	0.08 (1)	N	Y	---	---	---	0
	9/14/2016	N	Y	NM	147 (2)	0.04 (1)	N	Y	---	---	---	0
	10/14/2016	N	Y	NM	149 (2)	0.02 (1)	N	Y	---	---	---	0
	10/26/2016	N	Y	NM	148 (2)	0.08 (1)	N	Y	---	---	---	0
	11/16/2016	N	Sheen	150 (2)	150 (2)	Sheen	N	Sheen	---	---	---	0
	12/1/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	1/9/2017	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	2/24/2017	N	Y	NM	148 (2)	0.02 (1)	N	Y	---	---	---	0
	3/3/2017	N	Sheen	147 (2)	147 (2)	Sheen	N	Sheen	---	---	---	0
LSZ19	4/12/2017	N	Y	149 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	7/7/2016	N	Sheen	---	NM	---	N	Sheen	---	---	---	0
	7/11/2016	N	Sheen	142 (2)	142 (2)	Sheen	N	Sheen	---	---	---	0
	7/25/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	8/2/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	8/16/2016	N	Y	NM	149 (2)	0.01 (1)	N	Y	---	---	---	0
	8/30/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	9/14/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	10/26/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	10/26/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	11/18/2016	N	Y	NM	150 (2)	0.25 (1)	N	Y	---	---	---	0
	12/1/2016	N	Y	NM	149 (2)	0.2 (1)	N	Y	---	---	---	0
	1/10/2017	N	Y	NM	148 (2)	0.8 (1)	N	Y	---	---	---	0
	2/10/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	3/24/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
LSZ20	5/5/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	7/19/2016	N	Sheen	144 (2)	144 (2)	Sheen	N	Sheen	---	---	---	0
	7/25/2016	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	8/3/2016	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	8/16/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/23/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/30/2016	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	9/29/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	12/8/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	2/10/2017	N	Sheen	146 (2)	146 (2)	Sheen	N	Sheen	---	---	---	0
	3/15/2017	N	N	---	145 (2)	---	N	N	---	---	---	0
LSZ21	4/28/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	7/25/2016	N	Sheen	148	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/3/2016	N	Sheen	148	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/12/2016	N	Sheen	148	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/15/2016	N	N	---	150 (2)	---	N	N	---	---	---	0
	8/23/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/29/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	2/24/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
LSZ22	4/7/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	5/26/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/20/2016	N	N	---	151 (2)	---	N	N	---	---	---	0
	6/29/2016	N	N	---	152 (2)	---	N	N	---	---	---	0
	7/7/2016	N	N	---	NM	---	N	N	---	---	---	0
	7/12/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	7/28/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/3/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	11/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
LSZ23	1/9/2017(9)	N	N	---	149 (2)	---	N	N	---	---	---	0
	7/12/2016	N	N	---	142 (2)	---	N	N	---	---	---	0
	7/20/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	7/28/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/3/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	8/12/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/23/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/25/2016	N	N	NM	147 (2)	0.01 (1)	N	Y	---	---	---	0
	9/29/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	11/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	2/24/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
LSZ24	4/7/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	7/11/2016	N	Sheen	143 (2)	143 (2)	Sheen	N	Sheen	---	---	---	0
	7/25/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	8/2/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/16/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/29/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	11/30/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	12/2/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	2/24/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
LSZ25	4/7/2017	N	N	---	149 (2)	---	N	N	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	5/16/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/14/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	6/29/2016	N	N	---	153 (2)	---	N	N	---	---	---	0
	7/11/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	7/25/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	11/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	2/24/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
LSZ26	4/7/2017	N	N	---	150 (2)	---	N	N	---	---	---	0
	7/7/2016	N	N	---	---	---	N	N	---	---	---	0
	7/12/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	7/27/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/3/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/23/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/30/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	12/2/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	2/24/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
LSZ27	4/7/2017	N	N	---	147 (2)	---	N	N	---	---	---	0
	5/24/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/3/2016	N	Y	146	NM	NM	Y	N	NR	NR	0	5
	6/23/2016	N	N	---	NM	---	N	N	---	---	---	0
	6/29/2016	N	N	---	151 (2)	---	N	N	---	---	---	0
	7/12/2016	N	Sheen	145 (2)	145 (2)	Sheen	N	Sheen	---	---	---	0
	7/27/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/2/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/16/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/23/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	12/2/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	2/24/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
LSZ28	4/7/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	5/18/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/6/2016	N	Y	142 (2)	NM	NM	Y	Y	NR	NR	NR	3
	6/29/2016	N	Y	152 (2)	152 (2)	<0.01 (1)	N	Y	NR	NR	NR	0
	7/20/2016	N	N	---	150 (2)	---	N	N	---	---	---	0
	7/25/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/23/2016	N	Y	NM	149 (2)	0.01 (1)	N	Y	---	---	---	0
	8/30/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	9/29/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	12/8/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	2/10/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
	3/15/2017	N	N	---	149 (2)	---	N	N	---	---	---	0
LSZ29	4/28/2017	N	N	---	148 (2)	---	N	N	---	---	---	0
	11/4/2016	N	Y	144 (2)	156 (2)	12 (1)	N	Y	---	---	---	0
	11/22/2016	N	Y	133 (2)	148 (2)	15 (1)	Y	Y	NR	148 (2)	0.6 (1)	25
	12/1/2016	N	Y	145 (2)	151 (2)	6 (1)	Y	Y	NR	148 (2)	0.1 (1)	20
	12/8/2016	N	Y	146 (2)	148 (2)	2 (1)	Y	Y	NR	148 (2)	0.08 (1)	11
	12/15/2016	N	Y	146.5 (2)	148 (2)	1.5 (1)	N	Y	---	---	---	0
	12/22/2016	N	Y	145.5 (2)	148 (2)	2.5 (1)	Y	Y	NR	148 (2)	0.2 (1)	20
	1/6/2017	N	Y	NM	148 (2)	0.8 (1)	N	Y	---	---	---	0
	1/12/2017	N	Y	147.3 (2)	148 (2)	0.7 (1)	N	Y	---	---	---	0
	1/20/2017	N	Y	133 (2)	NM	>3 (1)	N	Y	---	---	---	0
	1/27/2017	N	Y	133 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/2/2017	N	Y	133 (2)	NM	>3 (1)	Y	N	---	146 (2)	0	110
	2/3/2017	N	Y	147 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/10/2017	N	Y	145 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/13/2017	N	Y	148 (2)	NM	>3 (1)	Y	Y	147 (2)	NR	0.25 (1)	14
	2/17/2017	N	Y	148 (2)	NM	0.03 (1)	N	Y	---	---	---	0
	2/24/2017	N	Y	148 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	3/3/2017	N	Y	149 (2)	NM	0.02 (1)	N	Y	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	3/8/2017	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	3/15/2017	N	Y	148 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	3/24/2017	N	Y	147 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	3/29/2017	N	Y	148 (2)	NM	0.5 (1)	N	Y	---	---	---	0
	4/7/2017	N	Y	148 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	4/12/2017	N	Y	148 (2)	NM	0.06 (1)	N	Y	---	---	---	0
	4/21/2017	N	Y	148 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	4/28/2017	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	5/5/2017	N	Y	148 (2)	NM	0.02 (1)	N	Y	---	---	---	0
LSZ30	5/12/2017	N	Y	148 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	6/6/2016	N	Y	151 (2)	NM	NM	Y	N	NR	NR	0	20
	7/25/2016	N	Y	NM	145 (2)	0.2 (1)	N	Y	---	---	---	0
	8/3/2016	N	Sheen	145 (2)	145 (2)	Sheen	N	Sheen	---	---	---	0
	8/23/2016	N	Y	NM	146 (2)	0.5 (1)	N	Y	---	---	---	0
	9/29/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	11/29/2016	N	Y	NM	144 (2)	0.5 (1)	N	Y	---	---	---	0
	1/10/2017	N	Y	NM	144 (2)	0.7 (1)	N	Y	---	---	---	0
	2/10/2017	N	Y	NM	144 (2)	0.01 (1)	N	Y	---	---	---	0
	3/15/2017	N	Sheen	143 (2)	143 (2)	Sheen	N	Sheen	---	---	---	0
LSZ31	4/28/2017	N	Y	145 (2)	NM	0.13 (1)	N	Y	---	---	---	0
	7/25/2016	N	Y	144.8 (2)	145 (2)	1.2 (1)	N	Y	---	---	---	0
	8/2/2016	N	Y	NM (2)	147 (2)	0.02 (1)	N	Y	---	---	---	0
	8/12/2016	N	Y	NM (2)	147 (2)	0.02 (1)	N	Y	---	---	---	0
	8/15/2016	N	Y	NM	148 (2)	0.08 (1)	N	Y	---	---	---	0
	8/23/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	8/30/2016	N	Y	NM	146 (2)	0.1 (1)	N	Y	---	---	---	0
	9/29/2016	N	Y	NM	147 (2)	0.08 (1)	N	Y	---	---	---	0
	12/8/2016	N	Y	NM	146 (2)	0.08 (1)	N	Y	---	---	---	0
	1/10/2017	N	Y	NM	147 (2)	0.2 (1)	N	Y	---	---	---	0
	2/10/2017	N	Y	NM	146 (2)	0.13 (1)	N	Y	---	---	---	0
	3/15/2017	N	Y	NM	147 (2)	0.02 (1)	N	Y	---	---	---	0
LSZ32	4/28/2017	N	Y	NM	148 (2)	0.01 (1)	N	Y	---	---	---	0
	11/7/2016	Y	Y	142.2	170 (8)	>27.8 (1)	N	Y	---	---	---	0
	11/8/2016	Y	Y	142.2	170 (8)	>27.8 (1)	Y	Y	149.4	149.8	0.41	65
	12/1/2016	N	N	NM	149 (2)	---	N	N	---	---	---	0
	12/8/2016	N	Sheen	NM	149 (2)	Sheen	N	Sheen	---	---	---	0
	12/15/2016	N	Sheen	NM	148 (2)	Sheen	N	Sheen	---	---	---	0
	12/22/2016	N	Sheen	NM	149 (2)	Sheen	N	Sheen	---	---	---	0
	1/6/2017	N	Sheen	NM	148 (2)	Sheen	N	Sheen	---	---	---	0
	1/12/2017	N	Sheen	NM	148 (2)	Sheen	N	Sheen	---	---	---	0
	1/20/2017	N	Sheen	NM	150 (2)	Sheen	N	Sheen	---	---	---	0
	1/27/2017	N	N	---	152 (2)	---	N	N	---	---	---	0
	2/3/2017	N	Sheen	NM	151 (2)	Sheen	N	Sheen	---	---	---	0
	2/10/2017	N	Sheen	NM	152 (2)	Sheen	N	Sheen	---	---	---	0
	2/17/2017	N	N	---	151 (2)	---	N	N	---	---	---	0
	3/3/2017	N	N	---	151 (2)	---	N	N	---	---	---	0
	4/7/2017	N	Sheen	NM	151 (2)	Sheen	N	N	---	---	---	0
LSZ33	5/12/2017	N	Sheen	NM	151 (2)	Sheen	N	Sheen	---	---	---	0
	5/17/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/14/2016	N	Y	148 (2)	NM	NM	Y	N	NR	NR	0	38
	6/29/2016	N	Y	152 (2)	152 (2)	<0.08 (1)	N	Y	---	---	---	0
	7/11/2016	N	Y	NM	145 (2)	0.08 (1)	N	Y	---	---	---	0
	7/25/2016	N	Y	NM	149 (2)	0.2 (1)	N	Y	---	---	---	0
	8/2/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/10/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	8/15/2016	N	Y	NM (2)	149 (2)	0.01 (1)	N	Y	---	---	---	0
	8/26/2016	N	Y	NM (2)	148 (2)	0.01 (1)	N	Y	---	---	---	0
	8/30/2016	N	Y	NM (2)	148 (2)	0.01 (1)	N	Y	---	---	---	0
	9/14/2016	N	Y	NM (2)	148 (2)	0.04 (1)	N	Y	---	---	---	0
	10/14/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	10/25/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	11/16/2016	N	Y	---	150 (2)	0.17 (1)	N	Y	---	---	---	0
	11/29/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	12/1/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	1/9/2017	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	2/24/2017	N	Y	149 (2)	NM	0.02 (1)	N	Y	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	3/3/2017	N	Y	149 (2)	NM	0.01 (1)	N	Y	---	---	---	0
LSZ34	4/14/2017	N	Y	150 (2)	NM	0.01 (1)	N	Y	---	---	---	0
	6/29/2016	N	Y	147 (2)	NM	NM	Y	N	NR	NR	0	65
	7/12/2016	N	Y	140 (2)	168 (2)	28 (1)	N	Y	---	---	---	0
	7/18/2016	N	Y	143 (2)	149 (2)	6 (1)	Y	N	NR	146 (2)	Sheen	35
	7/25/2016	N	Y	NM	149 (2)	0.2 (1)	N	Y	---	---	---	0
	8/3/2016	N	Y	NM	150 (2)	0.08 (1)	N	Y	---	---	---	0
	8/12/2016	N	Y	NM	149 (2)	0.06 (1)	N	Y	---	---	---	0
	8/16/2016	N	Y	146 (2)	149 (2)	3 (1)	N	Y	---	---	---	0
	8/22/2016	N	Y	146 (2)	149 (2)	3 (1)	Y	N	---	149 (2)	0	10
	8/23/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	8/30/2016	N	Y	NM	149 (2)	0.06 (1)	N	Y	---	---	---	0
	9/14/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	10/14/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	10/25/2016	N	N	---	149 (2)	---	N	N	---	---	---	0
	11/16/2016	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	11/29/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	12/1/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	1/9/2017	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	1/9/2017	N	Sheen	149 (2)	149 (2)	Sheen	N	Sheen	---	---	---	0
	2/24/2017	N	N	---	151 (2)	---	N	N	---	---	---	0
LSZ35	4/7/2017	N	Sheen	150 (2)	150 (2)	Sheen	N	Sheen	---	---	---	0
	5/19/2016	N	Y	NM	NM	NM	N	Y	---	---	---	0
	6/10/2016	N	Y	144 (2)	NM	NM	Y	N	NR	NR	0	86
	6/29/2016	N	Y	152 (2)	152 (2)	0.08 (1)	N	Y	---	---	---	0
	7/7/2016	N	Y	NM	NM	0.06 (1)	N	Y	---	---	---	0
	7/11/2016	N	Y	NM	145 (2)	0.08 (1)	N	Y	---	---	---	0
	8/2/2016	N	Y	NM	145 (2)	0.04 (1)	N	Y	---	---	---	0
	8/10/2016	N	Y	NM	145 (2)	0.04 (1)	N	Y	---	---	---	0
	8/15/2016	N	Y	NM	146 (2)	0.01 (1)	N	Y	---	---	---	0
	8/26/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	8/30/2016	N	Y	NM	148 (2)	0.17 (1)	N	Y	---	---	---	0
	9/14/2016	N	N	---	148 (2)	---	N	N	---	---	---	0
	10/14/2016	N	Y	148 (2)	151 (2)	3 (1)	N	Y	---	---	---	0
	10/16/2016	N	Y	148 (2)	151 (2)	3 (1)	N	Y	---	---	---	0
	10/21/2016	N	Y	148 (2)	151 (2)	3 (1)	Y	Y	NM	150	Sheen	9
	10/25/2016	N	Sheen	150 (2)	150 (2)	Sheen	N	Sheen	---	---	---	0
	11/18/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	12/1/2016	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	1/12/2017	N	Sheen	148 (2)	148 (2)	Sheen	N	Sheen	---	---	---	0
	2/10/2017	N	Y	150 (2)	NM (2)	0.08 (1)	N	Y	---	---	---	0
	3/3/2017	N	Y	149 (2)	NM (2)	0.5 (1)	N	Y	---	---	---	0
	3/15/2017	N	Y	150 (2)	NM (2)	0.17 (1)	N	Y	---	---	---	0
	3/29/2017	N	Y	149 (2)	NM (2)	1.17 (1)	N	Y	---	---	---	0
	3/30/2017	N	Y	148 (2)	NM (2)	1.17 (1)	Y	Y	NM	150	0	18
	4/12/2017	N	Y	150 (2)	NM (2)	0.01 (1)	N	Y	---	---	---	0
	4/28/2017	N	Y	149 (2)	NM (2)	0.02 (1)	N	Y	---	---	---	0
LSZ36	5/12/2017	N	Y	149 (2)	NM (2)	0.04 (1)	N	Y	---	---	---	0
	5/23/2016	Y	Y	138.40	185.80	47.40	N	Y	---	---	---	0
	5/24/2016	Y	Y	NR	NR	NR	Y	Y	145.1	161.7	16.56	60
	5/25/2016	Y	Y	NR	NR	NR	Y	Y	148.6	149.60	1.05	25
	5/25/2016	Y	Y	148.5	149.5	1.06	N	Y	---	---	---	0
	5/26/2016	Y	Y	148.5	149.5	1.04	N	Y	---	---	---	0
	5/26/2016	Y	Y	148.4	149.5	1.12	N	Y	---	---	---	0
	5/27/2016	Y	Y	148.3	149.5	1.19	N	Y	---	---	---	0
	5/31/2016	Y	Y	148.3	149.5	1.18	N	Y	---	---	---	0
	6/2/2016	Y	Y	NR	NR	NR	Y	Y	149.1	150.1	0.99	17
	6/3/2016	Y	Y	148.7	148.70	0.04	N	Y	---	---	---	0
	7/1/2016	Y	N	---	148.58	---	N	N	---	---	---	0
	7/15/2016	Y	N	---	148.45	---	N	N	---	---	---	0
	7/29/2016	Y	N	---	148.29	---	N	N	---	---	---	0
	8/5/2016	Y	N	---	148.45	---	N	N	---	---	---	0
	9/2/2016	Y	Y	148.11	148.16	0.05	N	Y	---	---	---	0
	10/7/2016	Y	Y	147.86	147.92	0.06	N	Y	---	---	---	0
LSZ37	11/17/2016(9)	---	---	---	---	---	---	---	---	---	---	0
	5/23/2016	Y	Y	145.3	156.2	10.86	N	Y	---	---	---	0
	5/24/2016	Y	Y	NR	NR	NR	Y	Y	148.5	149.6	1.08	15
	5/25/2016	Y	Y	148.6	149.70	1.15	N	Y	---	---	---	0
	5/25/2016	Y	Y	148.5	149.7	1.19	N	Y	---	---	---	0
	5/26/2016	Y	Y	148.5	149.8	1.25	N	Y	---	---	---	0
	5/26/2016	Y	Y	148.4	149.6	1.19	N	Y	---	---	---	0
	5/27/2016	Y	Y	148.3	149.6	1.24	N	Y	---	---	---	0
	5/31/2016	Y	Y	148.3	149.6	1.28	N	Y	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	6/3/2016	Y	Y	148.4	149.6	1.21	N	Y	---	---	---	0
	7/1/2016	Y	N	---	148.33	---	N	N	---	---	---	0
	7/15/2016	Y	N	---	148.22	---	N	N	---	---	---	0
	7/29/2016	Y	N	---	148.02	---	N	N	---	---	---	0
	8/5/2016	Y	N	---	148.65	---	N	N	---	---	---	0
	9/2/2016	Y	Y	147.87	149.07	1.20	N	Y	---	---	---	0
	10/7/2016	Y	Y	147.62	148.81	1.19	N	Y	---	---	---	0
	11/22/2016	Y	Y	147.30	148.50	1.20	N	Y	---	---	---	0
LSZ38	11/29/2016[9]	---	---	---	---	---	Y	Y	NR	NR	NR	2 [10]
	5/19/2016	Y	Y	NR	NR	NR	N	Y	---	---	---	0
	5/23/2016	Y	Y	135.8	191	55.24	N	Y	---	---	---	0
	5/26/2016	Y	Y	135.9	191.2	55.29	N	Y	---	---	---	0
	6/1/2016	Y	Y	135.9	190.8	54.95	Y	Y	150.2	152.5	2.29	80
	6/1/2016	Y	Y	148.5	150.8	2.33	N	Y	---	---	---	0
	6/1/2016	Y	Y	148.7	151.1	2.38	N	Y	---	---	---	0
	6/3/2016	Y	Y	148.71	151.11	2.40	N	Y	---	---	---	0
	7/1/2016	Y	N	---	149.18	---	N	N	---	---	---	0
	7/15/2016	Y	N	---	149.05	---	N	N	---	---	---	0
	7/29/2016	Y	N	---	148.81	---	N	N	---	---	---	0
	8/5/2016	Y	N	---	148.83	---	N	N	---	---	---	0
	9/2/2016	Y	Y	148.71	148.78	0.07	N	Y	---	---	---	0
	10/7/2016	Y	N	---	148.50	---	N	N	---	---	---	0
LSZ39	11/15/2016[9]	---	---	---	---	---	---	---	---	---	---	0
	11/8/2016	N	Y	132 [2]	166 [2]	34 [1]	Y	Y	NM	147 [2]	0.08 [1]	95
	11/22/2016	N	Sheen	146 [2]	146 [2]	Sheen	N	Sheen	---	---	---	0
	12/1/2016	N	N	---	147 [2]	---	N	N	---	---	---	0
	12/15/2016	N	N	---	147 [2]	---	N	N	---	---	---	0
	12/29/2016	N	N	---	147 [2]	---	N	N	---	---	---	0
	1/27/2017	N	Y	NM	147 [2]	0.5 [1]	N	Y	---	---	---	0
	3/8/2017	N	Y	148 [2]	NM	0.04 [1]	N	Y	---	---	---	0
	4/7/2017	N	Y	147 [2]	NM	0.02 [1]	N	Y	---	---	---	0
LSZ40	5/12/2017	N	Y	147 [2]	NM	0.01 [1]	N	Y	---	---	---	0
	7/20/2016	N	N	---	147 [2]	---	N	N	---	---	---	0
	7/28/2016	N	N	---	150 [2]	---	N	N	---	---	---	0
	8/2/2016	N	N	---	150 [2]	---	N	N	---	---	---	0
	8/16/2016	N	N	---	148 [2]	---	N	N	---	---	---	0
	8/30/2016	N	N	---	148 [2]	---	N	N	---	---	---	0
	9/29/2016	N	N	---	149 [2]	---	N	N	---	---	---	0
	11/29/2016	N	N	---	148 [2]	---	N	N	---	---	---	0
	1/9/2017	N	N	---	148 [2]	---	N	N	---	---	---	0
	2/24/2017	N	N	---	149 [2]	---	N	N	---	---	---	0
LSZ41	4/7/2017	N	N	---	149 [2]	---	N	N	---	---	---	0
	7/19/2016	N	Y	143 [2]	151 [2]	8 [1]	N	Y	---	---	---	0
	7/29/2016	N	Y	143 [2]	149 [2]	6 [1]	Y	Y	NR	148 [2]	0.5 [1]	36
	8/3/2016	N	Y	NM	148 [2]	0.04 [1]	N	Y	---	---	---	0
	8/10/2016	N	Y	NM	148 [2]	0.02 [1]	N	Y	---	---	---	0
	8/15/2016	N	Y	NM	148 [2]	0.04 [1]	N	Y	---	---	---	0
	8/23/2016	N	Y	NM	147 [2]	0.5 [1]	N	Y	---	---	---	0
	8/30/2016	N	Y	NM	148 [2]	0.02 [1]	N	Y	---	---	---	0
	9/6/2016	N	Y	NM	148 [2]	0.08 [1]	N	Y	---	---	---	0
	9/14/2016	N	Y	NM	147 [2]	0.04 [1]	N	Y	---	---	---	0
	9/20/2016	N	Y	NM	147 [2]	0.5 [1]	N	Y	---	---	---	0
	9/26/2016	N	Y	NM	147 [2]	0.5 [1]	N	Y	---	---	---	0
	10/4/2016	N	Y	NM	148 [2]	0.08 [1]	N	Y	---	---	---	0
	10/14/2016	N	Y	NM	148 [2]	0.04 [1]	N	Y	---	---	---	0
	10/25/2016	N	Y	NM	146 [2]	0.08 [1]	N	Y	---	---	---	0
	11/1/2016	N	Y	NM	146 [2]	0.04 [1]	N	Y	---	---	---	0
	11/18/2016	N	Y	NM	147 [2]	0.38 [1]	N	Y	---	---	---	0
	11/29/2016	N	Y	NM	147 [2]	0.2 [1]	N	Y	---	---	---	0
	12/8/2016	N	Sheen	146 [2]	146 [2]	Sheen	N	Sheen	---	---	---	0
	12/15/2016	N	Sheen	147 [2]	147 [2]	Sheen	N	Sheen	---	---	---	0
	12/22/2016	N	Sheen	146 [2]	146 [2]	Sheen	N	Sheen	---	---	---	0
	1/6/2017	N	Sheen	147 [2]	147 [2]	Sheen	N	Sheen	---	---	---	0
	1/20/2017	N	Y	NM	148 [2]	0.02 [1]	N	Y	---	---	---	0
	2/3/2017	N	Y	NM	148 [2]	0.01 [1]	N	Y	---	---	---	0
	2/17/2017	N	Sheen	NM	148 [2]	Sheen	N	Sheen	---	---	---	0
	3/3/2017	N	Y	NM	146 [2]	0.01 [1]	N	Y	---	---	---	0
	3/15/2017	N	Y	NM	149 [2]	0.01 [1]	N	Y	---	---	---	0
	3/29/2017	N	Y	146 [2]	NM	0.04 [1]	N	Y	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	4/14/2017	N	Y	148 (2)	NM	0.04 (1)	N	Y	---	---	---	0
	4/28/2017	N	Y	147 (2)	NM	0.01 (1)	N	Y	---	---	---	0
LSZ42	5/12/2017	N	Y	147 (2)	NM	0.02 (1)	N	Y	---	---	---	0
	7/20/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	7/25/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	8/2/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	8/16/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	8/30/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	9/29/2016	N	N	---	146 (2)	---	N	N	---	---	---	0
	11/29/2016	N	N	---	145 (2)	---	N	N	---	---	---	0
	12/2/2016	N	N	---	147 (2)	---	N	N	---	---	---	0
	1/9/2017	N	N	---	146 (2)	---	N	N	---	---	---	0
	2/24/2017	N	Y	139 (2)	NM	>3 (1)	N	Y	---	---	---	0
	2/27/2017	N	Y	139 (2)	NM	>3 (1)	Y	Y	145 (2)	NR	0.08 (1)	22
	3/8/2017	N	Y	145 (2)	146.5 (2)	1.5 (1)	Y	Y	146 (2)	NR	0.02 (1)	5
	3/24/2017	N	Y	141 (2)	NM	0.13 (1)	N	Y	---	---	---	0
	3/29/2017	N	Y	142 (2)	NM	>3 (1)	N	Y	---	---	---	0
	3/30/2017	N	Y	143 (2)	NM	>3 (1)	Y	Y	146 (2)	NR	0.08 (1)	5
	4/7/2017	N	Y	143 (2)	NM	0.5 (1)	N	Y	---	---	---	0
	4/12/2017	N	Y	144 (2)	NM	1.5 (1)	N	Y	---	---	---	0
	4/14/2017	N	Y	144 (2)	NM	>3 (1)	Y	Y	144 (2)	NR	1 (1)	7
	4/17/2017	N	Y	144 (2)	NM	0.5 (1)	Y	Y	146 (2)	NR	0.17 (1)	5
	4/21/2017	N	Y	144 (2)	NM	>3 (1)	Y	Sheen	144 (2)	144 (2)	Sheen	12
	4/28/2017	N	Y	146 (2)	NM	0.08 (1)	N	Y	---	---	---	0
	5/5/2017	N	Y	144 (2)	NM	>3 (1)	N	Y	---	---	---	0
LSZ43*	5/8/2017	N	Y	144 (2)	NM	>3 (1)	Y	N	0	145	0	8
	7/8/2016	Y	N	---	144.70	---	N	N	---	---	---	0
	7/15/2016	Y	N	---	150.3	---	N	N	---	---	---	0
	7/29/2016	Y	N	---	150.1	---	N	N	---	---	---	0
	8/5/2016	Y	N	---	150.2	---	N	N	---	---	---	0
	9/2/2016	Y	N	---	150.1	---	N	N	---	---	---	0
	10/7/2016	Y	N	---	149.70	---	N	N	---	---	---	0
	11/22/2016	Y	N	---	149.25	---	N	N	---	---	---	0
	12/8/2016	Y	N	---	149.57	---	N	N	---	---	---	0
	1/13/2017	Y	N	---	148.80	---	N	N	---	---	---	0
	2/22/2017	Y	N	---	148.65	---	N	N	---	---	---	0
	3/22/2017	Y	N	---	148.84	---	N	N	---	---	---	0
LSZ44*	4/26/2017	Y	N	---	148.04	---	N	N	---	---	---	0
	6/27/2016	Y	N	---	151.61	---	N	N	---	---	---	0
	7/8/2016	Y	N	---	148.94	---	N	N	---	---	---	0
	7/11/2016	Y	N	---	145.00	---	N	N	---	---	---	0
	7/15/2016	Y	N	---	148.89	---	N	N	---	---	---	0
	7/22/2016	Y	N	---	148.65	---	N	N	---	---	---	0
	8/5/2016	Y	N	---	148.73	---	N	N	---	---	---	0
	9/2/2016	Y	N	---	148.46	---	N	N	---	---	---	0
	10/7/2016	Y	N	---	148.27	---	N	N	---	---	---	0
	11/22/2016	Y	N	---	147.81	---	N	N	---	---	---	0
	12/8/2016	Y	N	---	148.16	---	N	N	---	---	---	0
	1/13/2017	Y	N	---	147.45	---	N	N	---	---	---	0
	2/22/2017	Y	N	---	147.27	---	N	N	---	---	---	0
	3/22/2017	Y	N	---	147.50	---	N	N	---	---	---	0
LSZ45*	4/26/2017	Y	N	---	147.26	---	N	N	---	---	---	0
	6/27/2016	Y	N	---	148.05	---	N	N	---	---	---	0
	7/8/2016	Y	N	---	147.95	---	N	N	---	---	---	0
	7/15/2016	Y	N	---	147.87	---	N	N	---	---	---	0
	7/29/2016	Y	N	---	147.71	---	N	N	---	---	---	0
	8/5/2016	Y	N	---	147.73	---	N	N	---	---	---	0
	9/2/2016	Y	Y	147.47	147.48	0.01	N	Y	---	---	---	0
	10/7/2016	Y	N	---	147.27	---	N	N	---	---	---	0
	11/22/2016	Y	N	---	146.85	---	N	N	---	---	---	0
	12/8/2016	Y	N	---	147.21	---	N	N	---	---	---	0
	1/10/2017	Y	N	---	147.18	---	N	N	---	---	---	0
	1/13/2017	Y	N	---	146.44	---	N	N	---	---	---	0
	2/22/2017	Y	N	---	146.27	---	N	N	---	---	---	0
	3/22/2017	Y	N	---	146.50	---	N	N	---	---	---	0
LSZ46*	4/26/2017	Y	N	---	146.26	---	N	N	---	---	---	0
	6/14/2016	Y	N	---	145.67	---	N	N	---	---	---	0
	7/8/2016	Y	N	---	145.93	---	N	N	---	---	---	0
	7/15/2016	Y	N	---	145.85	---	N	N	---	---	---	0
	7/29/2016	Y	N	---	145.74	---	N	N	---	---	---	0
	8/5/2016	Y	N	---	145.69	---	N	N	---	---	---	0
	9/2/2016	Y	Y	145.50	145.51	0.01	N	Y	---	---	---	0
	9/30/2016	Y	N	---	145.37	---	N	N	---	---	---	0
	11/30/2016	Y	N	---	144.27	---	N	N	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	12/8/2016	Y	N	---	145.30	---	N	N	---	---	---	0
	1/13/2017	Y	N	---	144.40	---	N	N	---	---	---	0
	2/22/2017	Y	N	---	144.34	---	N	N	---	---	---	0
	3/22/2017	Y	N	---	144.46	---	N	N	---	---	---	0
LSZ49*	4/26/2017	Y	N	---	144.23	---	N	N	---	---	---	0
	6/14/2016	Y	N	---	145.26	---	N	N	---	---	---	0
	7/8/2016	Y	N	---	144.70	---	N	N	---	---	---	0
	7/15/2016	Y	Y	144.60	146.82	2.22	N	Y	---	---	---	0
	7/29/2016	Y	Y	144.48	146.69	2.21	N	Y	---	---	---	0
	8/5/2016	Y	N	---	144.42	---	N	N	---	---	---	0
	8/12/2016	Y	Y	144.42	146.62	2.20	N	Y	---	---	---	0
	8/19/2016	Y	Y	144.46	146.56	2.10	N	Y	---	---	---	0
	8/26/2016	Y	N	---	144.36	---	N	N	---	---	---	0
	9/2/2016	Y	Y	144.20	146.44	2.24	Y	N	---	147.00	0	5
	9/9/2016	Y	Y	144.78	144.81	0.03	N	Y	---	---	---	0
	9/16/2016	Y	N	---	144.69	---	N	N	---	---	---	0
	9/23/2016	Y	Y	144.60	144.68	0.08	N	Y	---	---	---	0
	9/30/2016	Y	N	---	144.55	---	N	N	---	---	---	0
	10/7/2016	Y	Y	144.57	144.62	0.05	N	Y	---	---	---	0
	10/21/2016	Y	Y	144.49	144.54	0.05	N	Y	---	---	---	0
	10/28/2016	Y	Y	144.21	144.27	0.06	N	Y	---	---	---	0
	11/30/2016	Y	Sheen	144.15	144.15	Sheen	N	Sheen	---	---	---	0
	12/8/2016	Y	N	---	144.45	---	N	N	---	---	---	0
	12/15/2016	Y	N	---	144.23	---	N	N	---	---	---	0
	12/29/2016	Y	N	---	144.39	---	N	N	---	---	---	0
	1/13/2017	Y	Y	143.69	143.89	0.20	N	Y	---	---	---	0
	1/26/2017	Y	N	---	143.85	---	N	N	---	---	---	0
	2/10/2017	Y	Y	143.24	143.77	0.53	N	Y	---	---	---	0
	2/22/2017	Y	Y	143.38	144.50	1.12	N	Y	---	---	---	0
	2/28/2017	Y	Y	143.38	144.16	0.78	Y	Y	---	144.36	---	5
	3/15/2017	Y	Y	143.64	144.11	0.47	N	Y	---	---	---	0
	3/22/2017	Y	Y	143.46	144.15	0.69	N	Y	---	---	---	0
	4/10/2017	Y	Y	143.30	144.50	1.20	N	Y	---	---	---	0
	4/14/2017	Y	Y	143.05	144.45	1.40	Y	Y	144.95	144.97	0.02	5
	4/26/2017	Y	Y	143.22	143.95	0.73	N	Y	---	---	---	0
LSZ50*	5/12/2017	Y	Y	143.13	144.39	1.26	N	Y	---	---	---	0
	7/8/2016	Y	N	---	149.00	---	N	N	---	---	---	0
	7/15/2016	Y	N	---	148.89	---	N	N	---	---	---	0
	7/29/2016	Y	N	---	148.71	---	N	N	---	---	---	0
	8/5/2016	Y	N	---	148.74	---	N	N	---	---	---	0
	9/2/2016	Y	N	---	148.50	---	N	N	---	---	---	0
	10/7/2016	Y	N	---	148.26	---	N	N	---	---	---	0
	11/22/2016	Y	N	---	148.01	---	N	N	---	---	---	0
	12/8/2016	Y	N	---	148.15	---	N	N	---	---	---	0
	2/3/2017	Y	N	---	147.16	---	N	N	---	---	---	0
	2/22/2017	Y	N	---	147.30	---	N	N	---	---	---	0
	3/22/2017	Y	N	---	147.33	---	N	N	---	---	---	0
LSZ52*	4/26/2017	Y	N	---	147.28	---	N	N	---	---	---	0
	12/22/2016	Y	N	---	147.51	---	N	N	---	---	---	0
	2/3/2017	Y	N	---	147.41	---	N	N	---	---	---	0
	3/10/2017	Y	N	---	147.13	---	N	N	---	---	---	0
LSZ53*	4/28/2017	Y	N	---	146.64	---	N	N	---	---	---	0
	12/20/2016	Y	N	---	149.52	---	N	N	---	---	---	0
	2/3/2017	Y	N	---	148.43	---	N	N	---	---	---	0
	3/13/2017	Y	N	---	148.80	---	N	N	---	---	---	0
LSZ54*	4/24/2017	Y	N	---	148.45	---	N	N	---	---	---	0
	12/19/2016	Y	N	---	150.63	---	N	N	---	---	---	0
	2/3/2017	Y	N	---	149.86	---	N	N	---	---	---	0
	3/14/2017	Y	N	---	150.29	---	N	N	---	---	---	0
LSZ55*	4/24/2017	Y	N	---	149.84	---	N	N	---	---	---	0
	12/21/2016	Y	N	---	145.35	---	N	N	---	---	---	0
	2/3/2017	Y	N	---	144.41	---	N	N	---	---	---	0
	3/9/2017	Y	N	---	144.84	---	N	N	---	---	---	0
LSZ56*	4/28/2017	Y	N	---	144.39	---	N	N	---	---	---	0
	12/23/2016	Y	N	---	145.25	---	N	N	---	---	---	0
	2/3/2017	Y	N	---	144.35	---	N	N	---	---	---	0
	3/13/2017	Y	N	---	144.84	---	N	N	---	---	---	0
LSZ57*	4/28/2017	Y	N	---	144.40	---	N	N	---	---	---	0
	12/22/2016	Y	N	---	143.91	---	N	N	---	---	---	0

Well	Date	Able to Use Interface Probe?	NAPL Present (Y/N)	Before Pumping			Bailed/ Pumped (Y/N)	NAPL Remaining (Y/N)	After Pumping			LNAPL Removed (Gallons)
				Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)			Depth to Product (ft. bgs)	Depth to Water (ft. bgs)	NAPL Thickness (ft.)	
	2/3/2017	Y	N	---	143.09	---	N	N	---	---	---	0
	3/15/2017	Y	N	---	143.41	---	N	N	---	---	---	0
LSZ58*	4/28/2017	Y	N	---	143.00	---	N	N	---	---	---	0
	12/23/2016	Y	N	---	146.04	---	N	N	---	---	---	0
	2/3/2017	Y	N	---	145.22	---	N	N	---	---	---	0
	3/9/2017	Y	N	---	145.46	---	N	N	---	---	---	0
LSZ59*	4/28/2017	Y	N	---	145.12	---	N	N	---	---	---	0
	12/21/2016	Y	N	---	146.45	---	N	N	---	---	---	0
	2/3/2017	Y	N	---	145.54	---	N	N	---	---	---	0
	3/15/2017	Y	N	---	146.11	---	N	N	---	---	---	0
LSZ60*	4/28/2017	Y	N	---	145.59	---	N	N	---	---	---	0

NM = Not measured due to temperature interference.
NR = Not recorded.
--- = No NAPL present. Measurement not performed.
* = Newly installed well.

Notes:
(1) LNAPL estimated using PTFE bailer, not interface probe.
(2) Depth measured using a bailer.
(3) Depth measured using a tagline.
(4) LNAPL recovered included water.
(5) Dual screened well location monitored for LNAPL in the upper interval only.
(6) Dual screened well location monitored for LNAPL in the lower interval only.
(7) Dual screened well location was monitored after packer was pulled from well.
(8) Depth to water couldn't be determined via interface probe due to water temperatures exceeding probe limits at the depth recorded.
(9) Extraction well pump installed for active containment system. Regular monitoring and removal of LNAPL ceases at this well due to access issues.
(10) Actual LNAPL removal volume was not reported for this event. Volume removed is estimated to be the volume of LNAPL in the well casing at the time of removal (based on approximate thickness of LNAPL reported prior to LNAPL removal).
(11) NAPL thickness measured in a 1.5" pipe. An estimated thickness for a 4" pipe has been provided based on measured thickness in the 1.5" pipe and applying an area ratio.